OUT OF THE PAST
MAY 5 to 11

May 5, 1928 Sally Rand took her first flying lesson at Mahoney Field on Barnett Avenue. She already knew how to take off!

May 5, 1939 The first flight of the Consolidated Model 31 was from San Diego bay by William Wheatley. It was the first aircraft with a Davis airfoil.

May 5, 1922 The Navy bought five of the Army hangars at Ream Field in Imperial Beach to reassemble them on the North Beach on North Island.

May 5, 1961 Cdr. Alan Shepard, Jr., became the first American to go into space in the Mercury-Redstone Freedom 7 capsule. He reached 117 miles high, and 302 miles downrange from Cape Canaveral. A helicopter crew from USS LAKE CHAMPLAIN(CV-39) picked him up. That was 43 years ago.

May 6, 1894 Alan J. Cobham, British long distance flight pioneer, was born.

May 6, 1917 Albert Ball, age 20, shot down an Albatros, his 45th and last victory. He was shot down and killed the next day.

May 6, 1937 The German airship HINDENBURG caught fire as it prepared to land at Lakehurst, New Jersey. From the motion pictures it is difficult to imagine that only 35 people died in the conflagration.

May 6, 1949 Pacific Southwest Airlines began flying a Douglas DC-3 between San Diego and Oakland every week. What day did it end??

May 7, 1889 Godfrey Chevalier, Naval Aviator 7, was born.

May 7, 1918 James Norman Hall, 94th Aero Squadron, was shot down and taken prisoner in France. After the war he and Charles Nordhoff wrote the history of the Lafayette Flying Corps. Their books are in the museum library. They include a photograph and biography of each pilot.

May 7, 1932 Major Frank Hunter took off Rockwell Field in a Boeing P-26, and put on an air show. The plane was one of the first two built by Boeing.

May 8, 1895 James "Dutch" Kindelberger, former president of North American Aircraft Corporation, was born.

May 8, 1911 Today is the birthday of naval aviation. The Navy ordered its first aeroplane from Glenn H. Curtiss, the Curtiss A-1 built at Hammondsport, New York. We have a reproduction of the A-1 hanging in the rotunda, built at San Diego, California.

May 8, 1919 The Navy-Curtiss NC-1, NC-3, and NC-4 took off from Rockaway, New York bound for the Azores. Would they make it?

May 8, 1922 Lt. James Doolittle and Lt. L.S. Andrews took off from Rockwell Field in a DH-4 and flew to Los Angeles and San Francisco.

May 8, 1937 The Coast Guard dedicated their $40,000 Air Patrol Station at Lindbergh Field with a Douglas RD-4 and a Grumman JF-2 amphibian. Lt. Linholm was the CO.

May 9, 1891 Oswald Boelcke was born. He shot down 40 airplanes in WW1.

ALMOST EVERYTHING WE SAY IS TRUE
COMPILED BY EDWARD LEISER 2004

OUT OF THE PAST
MAY 5 to 11

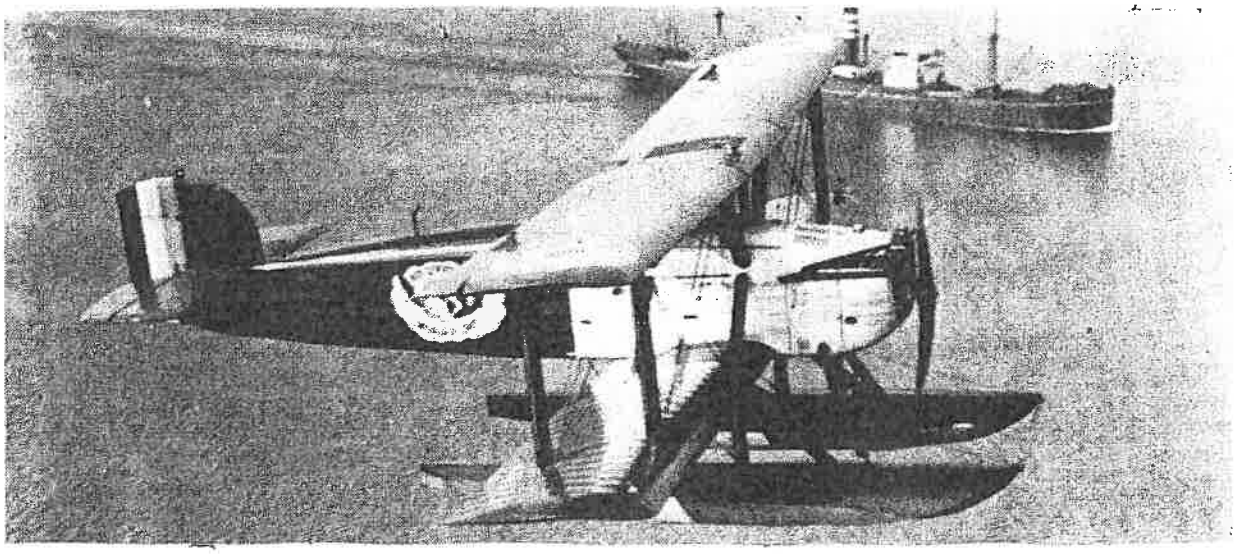
May 10, 1924 Eleven days after their Douglas World Cruiser had crashed on a mountain side in Alaska Army Major Martin and Sgt. Harvey walked to safety at Port Moller. People had feared they had been killed. The three other DWC crews had not seen their accident and continued to fly around the world.

May 10, 1927 Charles Lindbergh flew the Spirit from Dutch Flats to Rockwell Field with passenger Orville McLean. Mechanics put in 250 gallons of Red Crown gasoline and 20 gallons of oil. At 3:55 p.m. he took off and landed at Lambert Field, St. Louis after 14 hours 25 minutes, his second stop on the way to Paris from Dutch Flats.

May 11, 1881 Theodore von Karman, a Hungarian aeronautical engineer, was born.

May 11, 1913 Three young women known as the Aeroplane Ladies did a mid-air novelty act at the Empress Theatre vaudeville show. They entered from the wings . .

May 11, 1932 As the dirigible USS AKRON(ZRS-4) attempted to moor to the mast on Kearny Mesa with a hundred sailors holding the ropes the airship suddenly veered and tipped then started rising. It dragged the men along. As the airship rose all but four of the sailors released their ropes. They began rising into the air. One let go and fell 10 feet. Two could not hold on any longer and fell to their death from about 300 feet. The fourth held on with a foot on a toggle pin and tied himself to his rope. It took about an hour and a half to pull him on board through the nose. Seaman C.M. Cowart was his name.



CWD salguoD 4291

ALMOST EVERYTHING WE SAY IS TRUE
COMPILED BY EDWARD LEISER 2004

OUT OF THE PAST
APRIL 21 TO 27

Have you ever suffered from avinosis?

Apr. 21, 1910 San Diego High School 10th grade student Waldo Waterman made a few straightaway flights at the Coronado Polo Ground pulled by his friend in a Buick. On the fifth flight the tow rope failed to release. As the Buick turned away the rope pulled the plane into the ground. Waterman broke both ankles.

Apr. 21, 1918 An Australian machinegunner on the ground killed Baron Manfred von Richthofen, the Red Baron, as he chased a Sopwith Camel over the Somme Valley in his red Fokker Triplane.

Apr. 21, 1929 After a Maddux Airlines Ford tri-motor had taken off Ryan Field on Barnett Avenue for Phoenix at 11:35 a.m. an Army Boeing PW-9D biplane began stunting around the airliner over the golf course in Balboa Park. Suddenly the fighter smashed into the nose of the Ford. Both planes crashed killing all five in the Ford and the Army pilot whose parachute snagged on his airplane. The Ford crashed on the rim of Wabash canyon at 39th and Spruce Streets.

Apr. 22, 1887 James Norman Hall was born. He was a WW1 pilot for the French and author of Mutiny On The Bounty.

Apr. 22, 1917 National Guard Captain Reuben Fleet went up for his first student airplane flight at North Island.

Apr. 22, 1927 A Western Union telegram arrived for Charles A. Lindbergh care of Ryan Air Lines, Inc., San Diego, Calif. from Washington, D.C. YOUR LICENSE NUMBER EXPERIMENTAL TRANSATLANTIC SHIP IS N DASH X TWO HUNDRED ELEVEN STOP TRANSPORT LICENSE WILL BE MAILED TOMORROW CARE ROBERTSON AIRCRAFT ANGLUM MISSOURI.

Apr. 22, 1928 Roosevelt Junior High School students borrowed a Martin MO-1 from San Diego High School to use in an operatta staged in the school auditorium. The Navy had given the big Navy monoplane to the San Diego High School earlier in the year.

Apr. 23, 1917 Albert Ball, age 19, and Billy Bishop each scored two victories. Richthofen shot down a B.E.2c, his 47th victory.

Apr. 23, 1934 Ed Morrow took Emily up in the Great Lakes 2-T, NC-839K, from Lindbergh Field for a ride over La Jolla and El Cajon. Morrow used to volunteer at the museum. Morrow had helped build the Spirit of St. Louis in 1927.

Apr. 24, 1882 Lord Hugh Dowding was born. He was the RAF leader in WW2.

Apr. 24, 1949 During the American Gold Cup Air Races at Brown Field Art Chester died in the crash of his Chester Special *Swee-Pea II,* and Bob Heisel died in the crash of his Pitts *Pellet.*

Apr. 25, 1920 Al Wilson, a Hollywood stuntman, put on an airshow over Dutch Flats on Sunday for an estimated crowd of 50,000 people. Two

Curtiss Jenny's were used. Wilson changed planes twice in the air at 3,000-feet, danced on the top wing, swung by one hand at 200-feet, hung by his knees from the axle while the Jenny did slow rolls, and stood on the top wing during a loop. Boy, aviation these days is pretty dull.

Apr. 25, 1926 Miss Gladys Roy did her stuff at the Sunset Cliffs tract helping to market a new subdivision. She stood on the wing of the Curtiss Jenny blindfolded while the pilot looped, then hung from the landing gear as the plane flew so close to the ground she could touch the heads of the crowd. She jumped in a parachute to end the show. Also that day the new baseball park opened at the foot of Broadway.

Apr. 25, 1932 The first spade of dirt was turned on the new Administration Building at Lindbergh Field. The building is gone now.

Apr. 26, 1877 Sir Alliot Verdon-Roe was born. He started the Avro aircraft company in England by building triplanes. He brought one to the United States in September 1910.

Apr. 26, 1896 Ernst Udet was born. He became an ace in WW1.

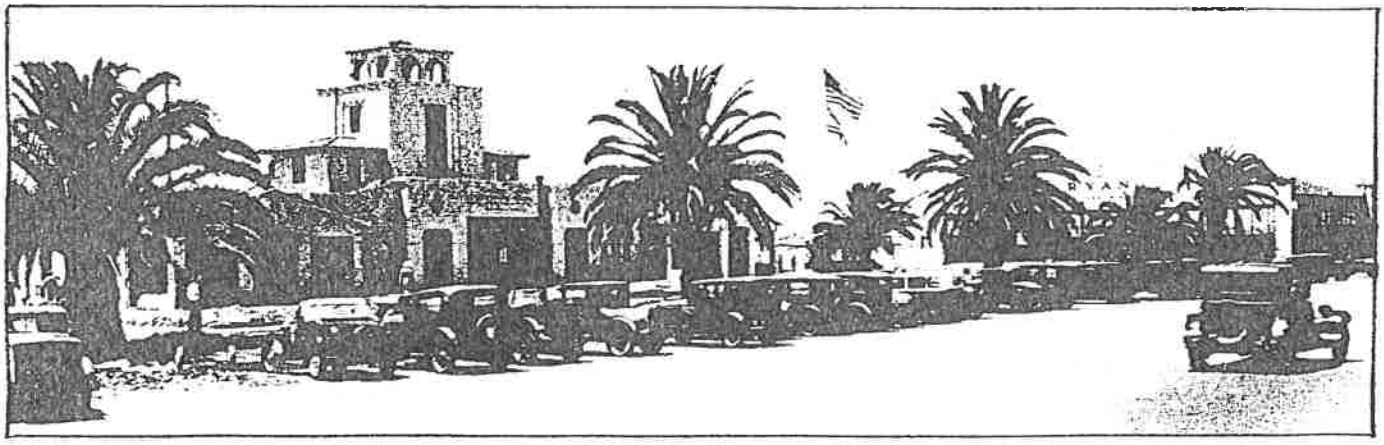
Apr. 26, 1917 The subheadline on a news item in The San Diego Union was: **EL CAJON WOMAN WEARS OVERALLS TO WORK.**

Apr. 26, 1994 A China Airlines Airbus A-300-600R crashed at Japan's Nagoya Airport killing 264 people.

Apr. 27, 1912 John Kaminski bought a Curtiss pusher for $5,000 at San Diego and took it to Milwaukee. In 1966 an EAA member restored and flew it with an OX-5 engine. It is probably the oldest surviving aircraft to have flown at San Diego.

Apr. 27, 1900 Marvel Crosson was born. A San Diego record-setting flyer, she died in an airplane crash in Arizona on August 19, 1929. Her name is on the large metal plaque in the Women In Aviation exhibit.

Avinosis is airsickness.



LINDBERGH FIELD ADMINISTRATION BUILDING IN 1932

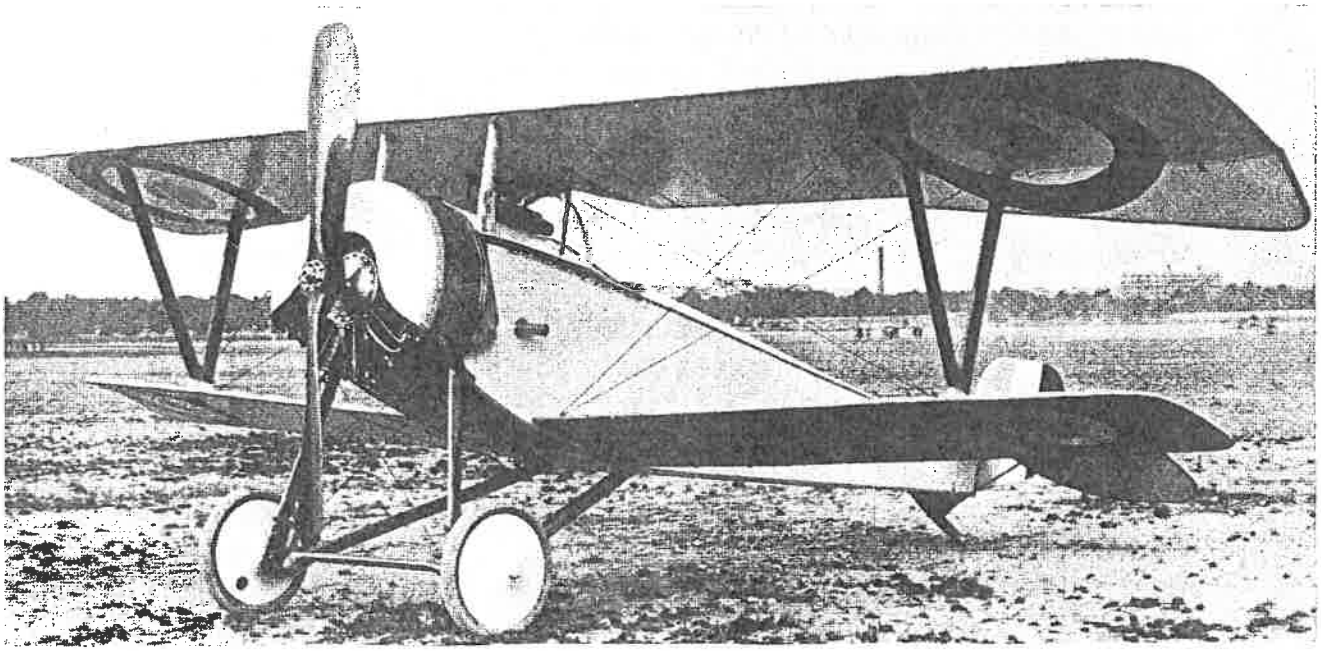
ALMOST EVERYTHING WE SAY IS TRUE
COMPILED BY EDWARD LEISER 2004

OUT OF THE PAST
APRIL 14 to 20

April 1919	East Field on Otay Mesa and Ream Field at Imperial Beach were placed in caretaker status. Soldiers guarded crated Thomas-Morse Scouts, Spad and Curtiss biplanes in steel hangars at Ream. Only an abandoned school house was left on Otay Mesa.
April 1927	As the night crew at the Ryan factory were covering the Special monoplane wing for Charles Lindbergh, and drinking Dago red wine, Foreman Hawley Bowlus dropped Peggy DeWitt on the wing cracking three ribs. They glued in some gussets and never told the pilot about it.
April 1937	The one-year old Mesa Flying Club in San Diego had forty members, men and women. Thirty-one had soloed by April out of Linda Vista Airport. The airport would be east just across the highway from MCAS Miramar today. The club owned a new Porterfield 70 and a Piper Cub. The club motto painted on the fuselages was SAFE-SANE-SURE.
April 1941	The San Diego Vocational School Defense Department moved $300,000 worth of machinery/equipment into the Ford Building to teach people aircraft construction. Then they would go to work at Consolidated Aircraft Corporation.
Apr.14, 1918	Both Lt. Alan Winslow and Lt. Douglas Campbell shot down a Albatros D.V over Toul, the first two victories for the 94th Aero Squadron.
Apr.14, 1959	First flight of the Grumman YOV-1A Mohawk
Apr.15, 1915	In France Roland Garros won his second victory in an armed Morane-Saulnier with deflector plates on the propeller blades.
Apr.15, 1935	First flight of the Douglas TBD Devastator torpedo plane.
Apr.15, 1944	First flight of the Convair Model 39, XR2Y-1, by Sam Shannon from Lindbergh Field.
Apr.15, 1945	First flight of the North American XP-82 Twin Mustang.
Apr.16, 1867	Wilbur Wright was born.
Apr.16, 1912	Flying a Bleriot, American pilot Harriet Quimby was the first woman to fly across the English Channel.
Apr.16, 1945 35	The Sikorsky S-42, Pan American Clipper, NR823M, flew from Alameda to Honolulu in 18 hours, 39 minutes. It was the beginning of transoceanic air travel.
Apr.16, 1972	The launch of Apollo 16 landed Young, Mattingly and Duke on the Moon.
Apr.17, 1915	Garros shot down two more German planes, Aviatiks.
Apr.17, 1918	Army 2nd Lt. Guinn Mattern, age 24, got his Canadian Curtiss in a tailspin at 1500 feet over North Island. The plane struck the bay near Ballast Point. Mattern drowned.

ALMOST EVERYTHING WE SAY IS TRUE
COMPILED BY EDWARD LEISER 2004

Apr.17, 1920	At San Diego the Pangborn Aircraft company in National City and the Air Passenger Service on Barnett Avenue got together and put on a air show with Curtiss JN's for the Prince of Wales. Clyde Pangborn wingwalked. The next day The San Diego Union printed a full page of photos.
Apr.18, 1915	Garros shot down his fifth German plane then force-landed behind German lines with engine trouble. The Germans turned his Morane over to the Anthony Fokker engineers. They found the machine gun interrupter and deflector plates then designed interrupters for the Fokkers. Garros stayed in a prison camp until he escaped in 1918.
Apr.18, 1916	Escadrille Americaine N.124 was activated at Luxeuil with Nieuport 11's and American volunteer pilots. Later it became the Escadrille Lafayette. Marquis de Lafayette was a French statesman and officer who had assisted the Americans in fighting the British during the Revolutionary War after 1777.
Apr.18, 1942	Led by Lt.Col. James Doolittle, 16 North American B-25's took off from the aircraft carrier USS HORNET then bombed Tokyo, Japan. Doolittle visited the museum before he died.
Apr.19, 1922	Erich Hartmann was born. The German fighter pilot scored 352 victories in WW2.
Apr.19, 1960	First flight of the Grumman YA-6A jet attack aircraft.
Apr. 20, 1918	The Red Baron shot down two Sopwith Camels, his 79th and 80th victories. How many more would he shoot down?
Apr. 20, 1967	A Swiss Bristol Britannia four-engine turboprop airliner crashed at Nicosia, Cyprus killing 126 people.



IX tropueiN 6191

OUT OF THE PAST
APRIL 7 to 13

April 1931 Artist Ralph Gall presented a large metal plaque honoring local lady fliers Marvel Crosson, Peaches Wallace, and Ruth Alexander, to the San Diego Gas & Electric Company. Today the plaque is on exhibit at the museum entrance to the Women In Aviation exhibit. Crosson and Alexander died in airplane crashes. Wallace died after an illness.

Apr. 7. 1918 The Red Baron shot down his 77th and 78th victims, a Spad and an S.E.5.

Apr. 7-12, 1921 Rep. Kahn, Rep. Hicks, and Pres. Harding tried to get Congress to establish an aviation bureau in the Dept. of Commerce without success. Americans could continue to fly what, when, where and who they wanted. Such a bureau did not exist until Dec. 31, 1926. Safety last!

Apr. 7, 1925 The aircraft carrier SARATOGA(CV-3) was launched at Camden, New Jersey.

Apr. 8, 1828 Ferdinand von Zeppelin was born.

Apr. 8, 1913 Army 1st Lt. Brereton took 2nd Lt. Rex Chandler for his first airplane ride. They took off from San Diego bay in the Curtiss F-boat, S.C. 15. After a half dozen landings they rounded Beacon No. 3 at about 150-feet altitude and headed for the ocean. After a sudden gust lifted the left wings the seaplane pointed down. Brereton had too little room to level out and crashed into the channel. Brereton was catapulted clear of the wreckage and survived. Chandler was knocked unconscious and forced under water. Although recovered Chandler never survived, the second person to be killed in a San Diego airplane accident.

Apr. 8, 1931 Amelia Earhart set an autogyro altitude record of 18,415 feet over Willow Grove, Pennsylvania in a Pitcairn PCA-2.

Apr. 9, 1915 French Lt. Roland Garros shot down a German two-seater with his machine-gun firing through the propeller arc.

Apr. 9, 1921 Ensign Batchellor, age 24, was instantly killed at 10 a.m. when his seaplane fell 500-feet in a tailspin into shallow water near the Marine Base in San Diego.

Apr. 9, 1929 After enlisted VF-2 pilot Clyde Corley rented a JN-4D at Dutch Flats he got into a flat spin over Lemon Grove and crashed into an orchard. Corley recovered.

Apr. 9, 1953 First flight of the Convair XF2Y-1 SEADART by Sam Shannon at San Diego. Shannon died on that date in 1982.

Apr.10, 1945 About 50 German jet aircraft shot down ten American bombers in the Berlin area, the largest loss of the war to jets in one mission.

Apr.11, 1918 The first U.S. patrol over enemy lines by an observation squadron was made by I Corps Observation Squadron flying biplace Spads.

ALMOST EVERYTHING WE SAY IS TRUE
COMPILED BY EDWARD LEISER 2004

Apr.11, 1929 First flight of the Boeing XP-12A.

Apr.11, 1970 The Apollo 13 Moon mission was aborted after rupture of a Service Module oxygen tank. The rescue of Lovell, Swigert and Haise was classed as a "successful failure."

Apr.12, 1918 The Loughead seaplane landed in San Diego after a flight from Santa Barbara where it had been built by Malcolm and Allan Loughead. The brothers changed their company name to Lockheed in 1926.

Apr.12, 1930 Nineteen Army Air Corps pilots of the 95th Pursuit Squadron set a new unofficial world record for altitude combat formation flying over Mather Field, California reaching 30,000 feet. Capt. Elmendorf was the commanding officer.

Apr.12, 1942 A formation of three B-17's and ten B-25's attacked Japanese shipping and installations in the Philippines.

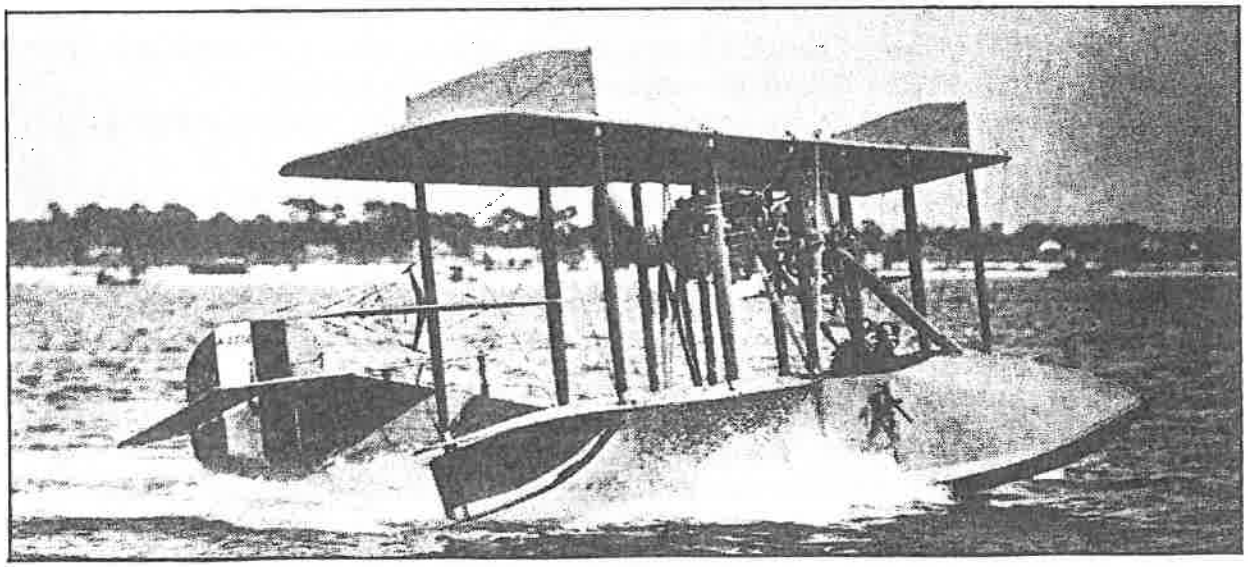
Apr.12, 1956 The USAF disclosed the Ryan X-13 had flown successfully at Edwards AFB.

Apr.12, 1945 A Yokosuka MXY7 rocket-powered flying bomb sank the USS MANNERT L. ABELE(DD-733) near Okinawa.

Apr.12, 1961 Yuri Gagarin made the first human orbital flight in Vostok I for one hour 48 minutes.

Apr.13, 1917 Army Lt.Byrom took off from North Island in Curtiss JN-4B, No. 237. He purposely stalled over Coronado then was unable to get the nose up. The plane dove onto the Coronado Golf Course. Byrom stepped out of the back seat wreckage, walked ten feet and sat down. The motor was in the front seat. He had suffered a severe cut on the jaw. The accident happened at 13 minutes to noon on Friday, the 13th.

Apr.13, 1975 The new Naval Aviation Museum at NAS Pensacola was dedicated with 72 aircraft including the 1919 Curtiss NC-4.



taoB-F ssitruC

ALMOST EVERYTHING WE SAY IS TRUE
COMPILED BY EDWARD LEISER 2004

OUT OF THE PAST
MARCH 31 to APRIL 6

Mar. 31, 1911 Navy Lt. Theodore Ellyson qualified as a landplane aviator in the Curtiss School of Aviation, North Island, San Diego.

Mar. 31, 1935 The Ryan Aeronautical Company on Lindbergh Field delivered the first Ryan S-T to a customer in Seattle, the first of 316 two-seater monoplanes.

Mar. 31, 1936 The HINDENBURG began a flight from Berlin to Rio de Janeiro, Brazil and returned on April 10.

April 1918 At San Diego a rise in the cost of gasoline had the owners of 7,200 cars in the county complaining. At 19.5 cents the cost per gallon was eight cents higher than the year before. In San Diego proper there were 5,000 automobiles.

Apr. ?, 1928 Alan Essery built and flew a hang glider at San Diego.

Apr. ?, 1930 Alan Essery flew his primary glider No. 3 at Dutch Flats.

Apr. 1, 1889 Wallace Beery was born. He was a movie actor and an aviator.

Apr. 1, 1906 Aleksandr Yakovlev was born. His company began building airplanes in 1931.

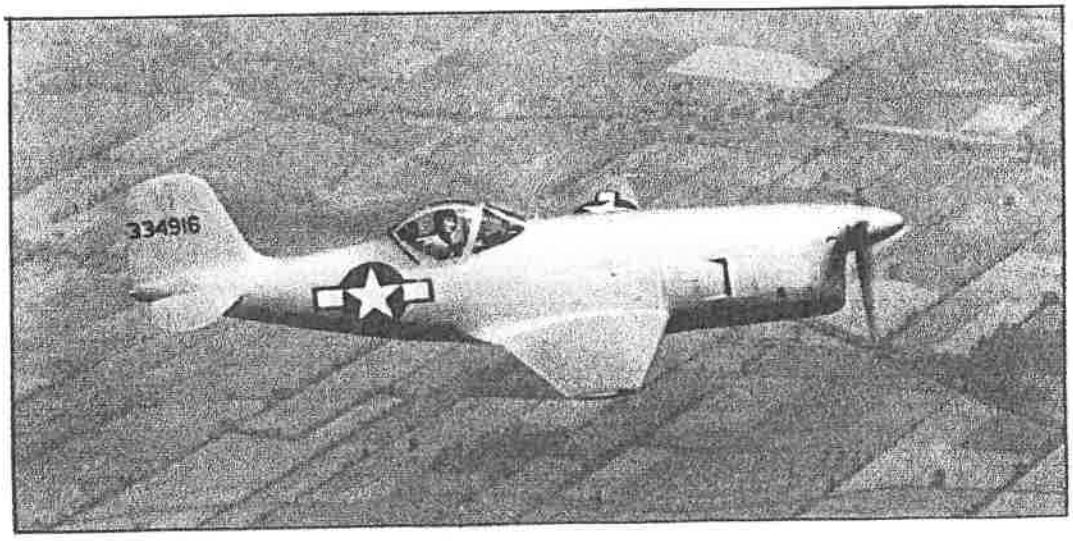
Apr. 1, 1915 It was a long day for the staff at the San Diego Aquarium. The telephone rang dozens of times. Almost every caller asked for Mr. Fish. Of course, it was All Fools' Day.

Apr. 1, 1916 The first model airplane contest held at San Diego was held on the tractor field of the Panama-California Exposition in Balboa Park. One of the winners was Harvey Knox, a future mayor of San Diego.

Apr. 1, 1939 First flight of the Mitsubishi A6M1 Zero-sen Type O fighter.

Apr. 1, 1940 First flight of the Grumman XF5F-1 Skyrocket.

Apr. 1, 1944 First flight of the Bell XP-77.



77-PX IIeB

ALMOST EVERYTHING WE SAY IS TRUE
COMPILED BY EDWARD LEISER 2004

Apr. 1, 1948 HU-1, the first helicopter utility squadron in the Navy was commissioned at Lakehurst, New Jersey.

Apr. 1, 1952 Naval Air Station, Miramar was established on Kearny Mesa.

Apr. 1, 1954 Lt.Cdr. F.X. Brady flew a Lockheed F9F Cougar 2,438 miles from San Diego to Brooklyn in three hours 45 minutes 30 seconds.

Apr. 2, 1941 First flight of the Heinkel He 280 jet fighter.

Apr. 2, 1947 First flight of the Convair XB-46 from Lindbergh Field by Sam Shannon.

Apr. 3, 1904 Sally Rand was born. She learned to fly in San Diego. She learned to shake her fans somewhere else.

Apr. 3, 1910 Charles Walsh completed the first two flights of his homebuilt pusher biplane at Imperial Beach. First flight of Waldo Waterman and Kenneth Kendall's pusher biplane at the Coronado Country Club with an auto tow. Waterman rose first for a distance of about 400 feet at 30 feet altitude. Kendall went up next for about 600 feet. Afterwards they agreed to buy a modern engine.

Apr. 3, 1912 Cal Rodgers crashed to his death in the ocean near Long Beach, California in the Wright biplane he had flown across the country from New York. Of 127 world aviation fatalities 32-year old Rodgers was the 22nd American to make the list.

Apr. 4, 1924 The steamer WILLSOLO arrived at North Island. It unloaded steel for the dirigible mooring mast on Kearny Mesa and seven Curtiss H-16 seaplanes with twin Liberty's.

Apr. 4, 1933 The Navy airship AKRON(ZRS-4) crashed off Barnegat Light, New Jersey. The 73 fatalities included Rear Admiral Moffett, Chief of the Bureau of Aeronautics.

Apr. 4, 1969 First flight of the Pazmany PL-2 at Ramona by Harold Pio.

Apr. 5, 1917 Manfred von Richthofen shot down his 35th and 36th victims.

Apr. 5, 1941 First flight of the Heinkel He 280.

Apr. 5, 1949 Dr. Judith Resnik was born. She was aboard the space shuttle Challenger in 1986.

Apr. 5, 1958 A USAF Atlas ICBM was successfully flown from Cape Canaveral to an impact area 600 miles away.

Apr. 6, 1890 Anthony Fokker was born.

Apr. 6, 1892 Donald W. Douglas was born.

Apr. 6, 1912 The Air Meet at the Coronado Country Club cost four bits to watch eleven aviators in fourteen events. There were five biplanes up at the same time flying around the field.

Apr. 6, 1917 The US declared war on Germany. Navy and Marine Corps aviation consisted of 48 officers. 239 enlisted men, 54 airplanes, one airship, three balloons and one air station. The Army had 56 pilots, 51 student pilots, and less than 300 airplanes, all trainers.

Apr. 6, 1918 The Red Baron shot down his 76th victory, a Sopwith Camel.

Apr. 6, 1924 Four Army Douglas World Cruisers left Seattle, Washington on a round the world flight. The flight was completed on September 28 but with only two of the original four airplanes.

ALMOST EVERYTHING WE SAY IS TRUE
COMPILED BY EDWARD LEISER 2004

OUT OF THE PAST THIS WEEK AT SAN DIEGO
MARCH 17 to 24, 2004

Mar.24, 1912 Horace Kearny flew a stunt show over the steamer YALE underway from San Diego and bombed the vessel with oranges and lemons. His friend, C.A. Berlin, a passenger, got a good laugh. The captain did not.

Mar. 21, 1913 Army Lts. Brereton and Geiger flew their Curtiss hydroaeroplanes over the battle cruiser, USS CALIFORNIA, entering port, waving and shouting greetings.

Mar. 23, 1913 Pilot Leonard Bonney with a passenger, student pilot Margaret Stahl, flew a 60-hp Deperdussin monoplane from Los Angeles to Oceanside to National City. They landed beside the Electric Car Line just below 30th Street.

Mar. 20, 1915 At the Panama-California Exposition in Balboa Park a balloon ascension attracted attention. C.W. Holmes manned the balloon, christened FAIRY, which ascended at 3 p.m. It leveled out at 5,000 feet, floated over downtown then hovered over North Island. The wind blew it south until Holmes dropped the anchor and landed safely south of Nestor.

Mar. 21, 1917 A San Diego Union article explained the use of aerial gun cameras to train aviators. A camera mounted on the top wing took photographs when the pilot pulled the trigger. From the photos the instructor determined the skill of the shooter.

Mar. 20, 1929 At Lindbergh Field San Diego Air Service announced the establishment of Airtech School of Aviation. Iver Lawson was the president. The courses included aerial navigation, airport management, airplane construction, aviation engines, meteorology, parachutes and radio.

Mar. 21, 1930 San Diego High School's aircraft class exhibited 12 new gliders built by the students. Their instructor, a former naval aviator, used to visit the old museum.

Mar. 22, 1930 An air show to raise money for the Camp Kearny dirigible base took place at the Emerald Hills Golf Course. Bill Van Dusen made an amphibian glider flight. Five other people made glider flights.

Mar. 21, 1931 The T.C. Ryan Flying School started a two-day student cross-country flight to March Field, Bakersfield, San Luis Obispo, Santa Maria, Carpenteria, and remained overnight in Santa Barbara. After lunch in Long Beach the next day they returned to San Diego by 3 o'clock. They flew five Great Lakes biplanes and a Ryan Brougham.

Mar. 20, 1932 Frank Graham set a new endurance record for gliders. He soared for an hour and twenty minutes off Point Loma. Graham was a member of the Y-Triangle Glider Club.

Mar. 21, 1932 Lewis Yancey landed a Pitcairn autogiro on Lindbergh Field. He managed the aviation department of the Champion Spark Plug Company, the name painted down the sides of the airplane.

Mar. 22, 1932 Marine Cpl. Torner was not a pilot. Flying with Sgt. Hofer in a Curtiss trainer over Camp Kearny Hofer suddenly collapsed. The plane went into a tailspin. Torner grabbed Hofer's collar and yanked him clear. He grabbed his own stick and got out of the spin but still diving. He leveled off at 400 feet and climbed up to about 2500 feet and headed back to North Island. He made a perfect Hofer unconscious from the plane. Hofer had recently suffered malaria in Nicaragua. Isn't local aviation history interesting?

Mar.18, 1933 Army Air Reserve pilots went to Rockwell Field to get some flight time. 2nd Lt. Phil Myers towed targets with Capt. Cannon in a Douglas BT-2A for a hour. At Lindbergh Field Arnet Speer gave instructions in the Fleet, NC-440K. Their pilot logbooks are in the museum library.

Mar. 24, 1934 Richard Dix starred in ACE OF ACES at the Cabrillo Theatre. It cost 15 cents until 2:00 and 20 cents after 2:00.

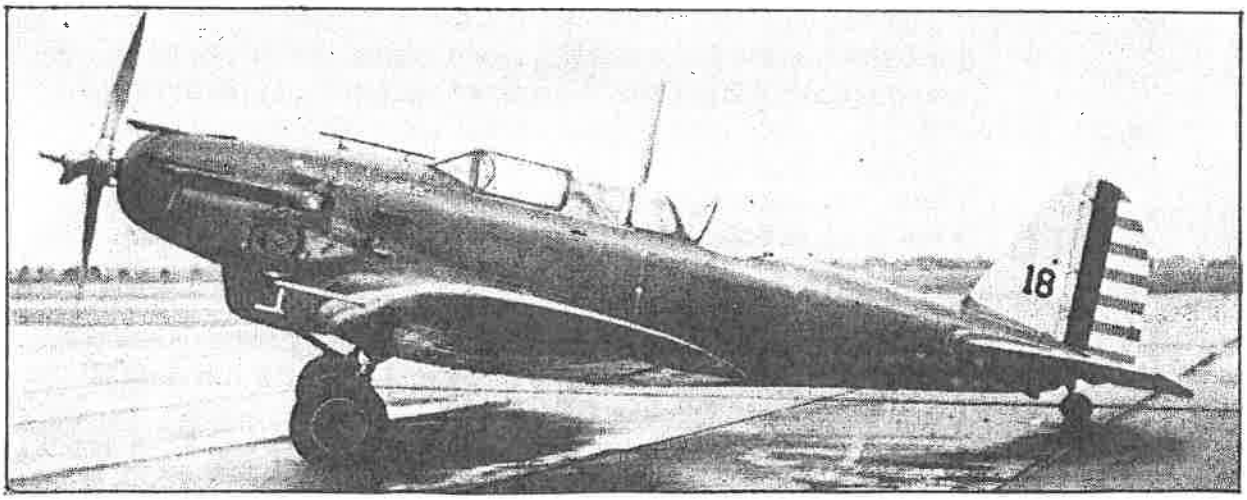
Mar. 23, 1935 The Special Junior Air Meet took place at Balboa Park. First prize went to John Savage with his R.O.G. flying for 27.8 seconds.

Mar. 24, 1935 Grace Prescott flew her Fairchild 22, NC-12625, from Linda Vista Airport with Jane Ray as passenger. Lt. Myers and Capt. Cannon flew the Consolidated PT-3, 28-271, practicing landings.

Mar.17, 1936 The March of Transportation exhibit in the Ford Building had been open for two days. Among the hundreds of exhibits was the Bowlus glider that Charles and Anne Lindbergh had flown to qualify for their soaring licenses in 1931, a Navy Curtiss BF-2C, Ryan S-T, and a Consolidated PB-2A.

Mar.17, 1936 During VF-2B dive-bombing practice 10 miles off Point Loma a Vought SBU-1 burst into flames and crashed. Lt(jg) White was killed. LeCompte, RM2/C, parachuted safely.

Mar.18, 1936 Ed Oberbauer took a 35-minute flying lesson on takeoffs and landings from Wilcox in the Great Lakes 2-T, NC-11324, from Lindbergh Field. Oberbauer used to volunteer in the museum workshop.



A2-BP detadilosnoC

OUT OF THE PAST THIS WEEK AT SAN DIEGO
MARCH 10 TO 16, 2004

March 1910 Charles Walsh moved from San Diego to Imperial Beach to complete his homemade pusher biplane then teach himself to fly. Today the area where his wife and children lived in tents would be between Palm and Coronado Avenues near 15th. The plane was ready in late March. The first time Walsh took off the steering gear caused an accident nearly wrecking the machine.(No further details were recorded in the newspaper.)

Mar.14, 1912 Curtiss student F.J. Terrill, flying from North Island in a strong wind and trying to pass the examination for his FAI license, came in for a landing in a pusher and bounced 30 feet into the air. The second bounce broke the landing gear and three wing ribs. On the fourth accident that day Navy Lt. Theodore Ellyson's Curtiss A-2 received a sudden wing gust about 30 ft. over North Island. The biplane went sideways into the ground turning upside down. Ellyson was catapulted clear, bruised, cut and conscious. The A-2 was the second airplane the Navy bought. (The museum exhibits a reproduction of the Curtiss A-1.)

Mar.12, 1915 Army Lt. B.Q. Jones broke the world's passenger carrying record at North Island by staying aloft for 7-hr 5-min with two passengers, Cpl. Hale and Houser, in the Burgess H tractor No.38.

Mar.15, 1917 Orvar Meyerhoffer established the first flying boat factory in San Diego at 625 Arctic Street(Kettner Blvd.) It was equipped with an electric spot welder. Meyerhoffer taught students how to fly his seaplanes from his base at the foot of Market Street.

March 1918 Mechanics at the Rockwell Field Signal Corps Aviation School on North Island fastened automobile-type mirrors to a strut in front of the cockpit hoping they would help them avoid accidents. There had been three midair crashes at the field in the past six months.

Mar.13, 1918 Army Lt. Roy Morris and Flying Cadet Niblack came in for a landing on North Island in a Canadian Curtiss. Niblack suddenly became aware that his glide path would take the plane into a clump of trees at the northwest corner of Spanish Bight. He banked sharply, stalled then spun down onto the Coronado shore. Rescuers pulled the two men from the wreck to an ambulance. At the base dispensary Flight Surgeon Major Ream treated the men for cuts and bruises.

Mar.16, 1918 At the Signal Corps Aviation School on North Island Lt. Albert K. Walker flew an OX-5 Curtiss JN-4 for 82 minutes making landings and eights. (His Pilot Logbook is in the museum library.)

Mar.11, 1919 Col. Henry Arnold relieved Col. Burwell and took command of Rockwell Field on North Island.

Mar.13, 1919 Lt.Col. William Thaw became the Executive Officer of Rockwell Field. In the war he had been a pilot in the Lafayette Escadrille.

Mar:11, 1920 The Goodyear C-6 blimp broke a rudder control wire during a four-hour-flight from NAS, San Diego. The pilot, Lt. Scott E. Peck, maneuvered the big airship to a safe landing on the island. RADM Peck lived in Chula Vista after he retired from the Navy and shared his album photos with the original museum.

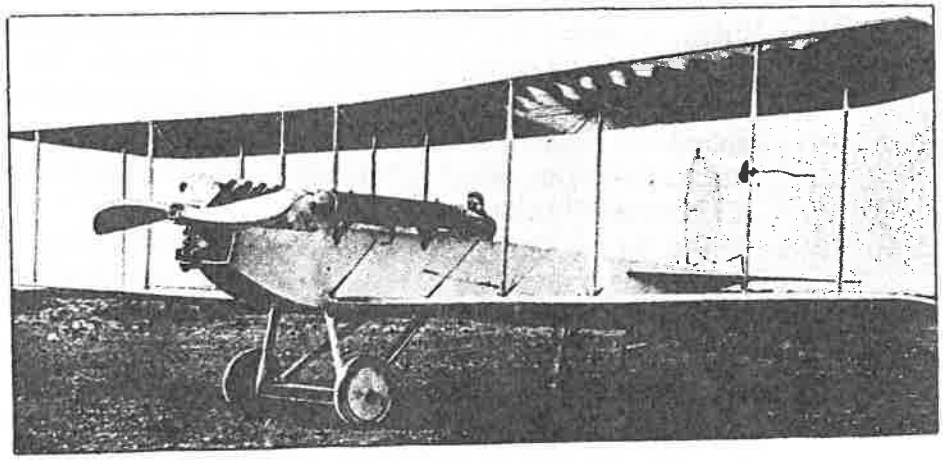
Mar.10-11, 1921 Eleven of the 14 Curtiss F-5L's that had flown to Panama on New Year's Eve returned to North Island. One man had been killed during the long flights, stepped into a propeller.

Mar.12, 1921 On Border Patrol from Yuma to San Diego in a DH-4 MSgt. Scott and Pvt. Turner of the 91st Aero Squadron encountered a hailstorm. They turned northwest and got lost. Scott tried to land but the biplane turned over in the soft ground. The aviators leaped out as the smashed gasoline feed pipe caught the fuselage on fire. They were in the mountains six miles southeast of Descanso and got out safely.

Mar.14, 1923 The Chief of the Air Service telegrammed Rockwell Field and ordered the sale of surplus airplanes at $100 each. All aircraft that went unsold were burned. Air Reserve pilot Frank Page bought an unknown number of the Thomas-Morse S-4C's then stored them in a warehouse by the railroad track. People bought them for cash or payments. Page helped assemble them, even soloed some of his customers.

Mar.16, 1927 Bureau of Aeronautics sources revealed that the Ford tri-motor recently purchased by the Navy Department would be sent to North Island for use as a test plane. Seventy new Consolidated NY-1's would go to San Diego, Pensacola and Hampton Roads to replace obsolete Burgess N-9 primary trainers. The museum exhibits a Consolidated PT-1, the Army version of the NY-1.

Mar.15, 1928 Three DH-4B's from the Marine Ace of Spades squadron at North Island were returning from exercises 700 feet over Dutch Flats. A signal from the leader confused one pilot who moved ahead and locked wings with the other pilot. Four parachutes opened too late and they were killed.



83.oN H ssegruB

OUT OF THE PAST THIS WEEK
March 3 to 9, 2004

Mar. 3, 1918 The Navy first flew their Astra-Torres AT-1 dirigible at NAS Paimboeuf, France. Before the Armistice the Navy obtained 12 LTA-s from the French.

Mar. 3, 1919 The first American international air mail was inaugurated between Seattle, Washington and Victoria, B.C. by the Hubbard Air Service flying Boeing Type C biplanes.

Mar. 3, 1919 Army Lt. Peetz took off Ream Field at Imperial Beach flying an S.E.5a, reached a record 23,000-feet, fainted, recovered, then landed safely. Thereafter he was known as Lucky Peetz.

Mar. 3-4, 1940 The Soaring Meet at Torrey Pines attracted 17 sailplanes, and 35 pilots. John Robinson won.

Mar. 3, 1953 A Canadian Pacific de Haviland Comet jet crashed at Karachi, Pakistan killing 11 people, the first fatal crash of a commercial jet plane.

Mar. 3, 1974 A Turkish DC-10 jet crashed at Ermenonville near Paris killing 346 people.

Mar. 4, 1921 The Army Air Service bought the Italian semi-rigid dirigible *Roma* for $200,000.

Mar. 4, 1922 The Chief Petty Officers Club held an air show at Balboa Park. Augie Pedlar was a handcuffed wingwalker on the Standard biplane. As it landed a tourist ran out on the field to take a photograph. The wing hit him in the face breaking his jaw, cheekbones and nose. The plane twisted toward the crowd but stopped in time. The tourist died in the hospital.

Mar. 4, 1928 The Bird Air Bus, 3225, stalled in a tight turn over Old Town and crashed killing all five on board including the pilot, W.W. Bird.

Mar. 4, 1939 Pres. Roosevelt requested Congress to appropriate $7,300,000 to be used by the Civil Aeronautics Authority in training 20,000 civilian pilots.

Mar. 4, 1943 Changes to the new Essex class aircraft carriers included a Combat Information Center.

Mar. 4, 1949 The Martin JRM-2 Mars transported 263 passengers and a crew of six from San Diego to Alameda, a new record.

Mar. 5, 1928 AFLAME IN THE SKY, an aviation movie at the Balboa Theatre, starred Jack Louden and Sharon Lynn. Five big acts of vaudeville also entertained the audience.

Mar. 5, 1936 First flight of the Supermarine Spitfire.

Mar. 6, 1965 A Sikorsky SH-3A took off from USS HORNET(CVS-12) at NAS North Island then landed on USS F.D. ROOSEVELT(CVA-42) off Mayport, Florida after a nonstop flight of 15 hours 51 minutes.

Mar. 7, 1918 An unmanned flying bomb was successfully launched and flown for 1000 yards at the Sperry Flying Field, Copiague, Long Island.

Mar. 7, 1939 The Navy ordered an amphibian version of the PBY flying boat from Consolidated. The prototype became the widely used PBY-5A widely in WW2 and afterwards.

Mar. 7, 1945 The Piasecki XHRP-X transport helicopter made its first flight at Sharon Hill, Pennsylvania.

Mar. 8, 1917 Count Ferdinand von Zeppelin died at age 79.

Mar. 8, 1921 Curtiss F-5L No. 8 made a forced landing at Hipolito Bay enroute to San Diego from the Canal Zone and was so damaged she was sunk by gunfire from the destroyer PALMER(DD-161).

Mar. 8, 1924 Army pilots flew four Douglas World Cruisers to North Island, swung the compasses and changed engines, then flew to Seattle to begin their historic flight around the world.

Mar. 8, 1965 Some 3,500 Marines including a helicopter squadron and supporting units landed without opposition at Danang, near the northern border of South Vietnam.

Mar. 9, 1911 After the Wright company offered to train one Navy pilot in exchange for the purchase of one airplane for $5,000, Lt. John Rodgers got orders to Dayton, Ohio for flight training. He became Naval Aviator No.2

Mar. 9, 1919 LCDR. E.O. McDonnell, NA 14, made the first flight from a turret platform of a Navy battleship with a Sopwith Camel from No.2 turret on USS TEXAS at anchor off Guantanamo, Cuba.

Mar. 9, 1924 Major Martin flew a Douglas DWC off Rockwell Field to test the compass.

Mar. 9, 1927 After a demo at NAS, Anacostia the Navy bought its first tri-motor passenger transport, the Ford JR-1.

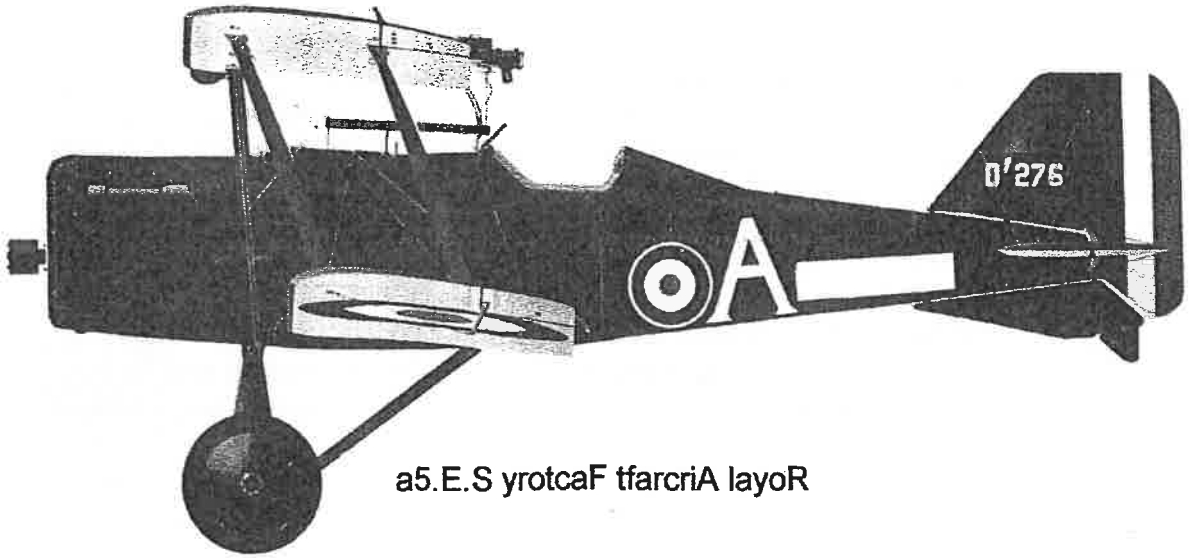
Mar. 9, 1931 First flight of the Bleriot 125 with 12 passengers

Mar. 9, 1933 A civilian Fairchild loaded with 22 cases of Scotch whiskey crashed on a ranch five miles east of Del Mar killing the pilot.

Mar. 9, 1935 Germany officially announced the existence of the Luftwaffe.

Mar. 9, 1949 First flight of the Avro Shackleton bomber.

Mar. 9, 1979 First flight of the Dassault Super Mirage 4000.



a5.E.S yrotcaF tfarcriA layoR

OUT OF THE PAST THIS WEEK
February 25 to March 2, 2004

Feb. 25, 1949 The Martin JRM-2 Caroline Mars flying boat broke the world record for passenger lift by transporting 218 men from San Diego to Alameda, California.

Feb. 25, 1954 First flight of the Convair R3Y-1 Tradewind from San Diego bay by Don Germeraad.

Feb. 25, 1960 A Navy Douglas R6D carrying members of the Navy Band and a team of AS specialists collided with a Brazilian airliner over Sugar Loaf Mountain, Rio de Janeiro, taking the lives of all 26 people on the airliner and 35 of the 38 men on the R6D.

Feb. 26, 1911 First flight of the Curtiss Model D Triad by Glenn Curtiss from Spanish Bight. He landed on the sand near the Hotel del Coronado, lunched in the dining room, then flew back to North Island proving it was a "land, sea and air" airplane.

Feb. 26, 1938 Russ Rogers flew the Consolidated PBY-2 GUBA, NC777, nonstop from San Diego bay to Miami nonstop in 12 hours 35 minutes.

Feb. 27, 1928 CDR. T.G. Ellyson, NA 1, and two other officers, died in a Loening amphibian crash at night on Chesapeake Bay.

Feb. 27, 1942 After being attacked by Japanese aircraft USS LANGLEY(AV-3), formerly CV-1, bound for Tjilatjap, Java, with 32 Curtiss P-40's aboard, sank 74 miles from her destination.

Feb. 28, 1928 At Buffalo, New York the Consolidated Aircraft Corporation got a Navy contract for the XPY-1 monoplane flying boat. It was the start of the PBY CATALINA.

Feb. 28, 1946 First flight of the Republic XP-84 Thunderjet.

Feb. 29, 1940 Navy Lt. Pawka flew the Grumman F3F-2, 0986, from North Island and bombed the target battleship UTAH(AG-16).

Feb. 29, 1960 First flight of the Beech Model 95-55 Baron with four or five seats.

Mar. 1943 Reuben Fleet sold CAC which became Consolidated-Vultee (Convair).

Mar.1, 1870 Alexander Keith of Julian, California received U.S. Patent No. 10045 for a flying machine.

Mar.1, 1912 World absolute speed record of 103.9 mph set by Jules Vedrines in a Deperdussin at Pau, France.

Mar.1, 1920 First blimp flight at San Diego was the Goodrich C-6 from Naval Air Station, San Diego.

Mar.1, 1925 First flight of the Los Angeles-San Diego Airline from Los Angeles to Ryan Field on Dutch Flats at San Diego by three Cabin Standards. The airline flew every day until late in December 1926, the first U.S. airline to fly for over a year.

Mar.1-9, 1928 Army Lt. Dallas and Beckwith Havens completed the first amphibian flight from New York to San Diego in a Loening amphibian, 3,300 miles in 32 hours 45 minutes flying time.

Mar.1, 1930 Two 14-passenger Fokker F.VII's took off from Ryan Field on Barnett Avenue for El Centro, Tucson, Douglas and El Paso starting Standard Air Lines to the East Coast.

Mar.1, 1938 The San Diego Flying Club, having leased Grande Vista Airport a mile from Palm City just south of Chula Vista, flew their airplanes down from Lindbergh Field.

Mar.1, 1942 Piloting a Lockheed PBO Hudson from VP-82 at Argentia, Newfoundland, Ens. Tepuni bombed and sank the U-656, the first German submarine sunk by U.S. forces in WWII.

Mar.1, 1946 USS MIDWAY(CVB-41) went on Operation Frostbite off the coast of Labrador above the Arctic Circle with Grumman F8F Bearcats, Ryan FR-1 Fireballs and other WW2 aircraft.

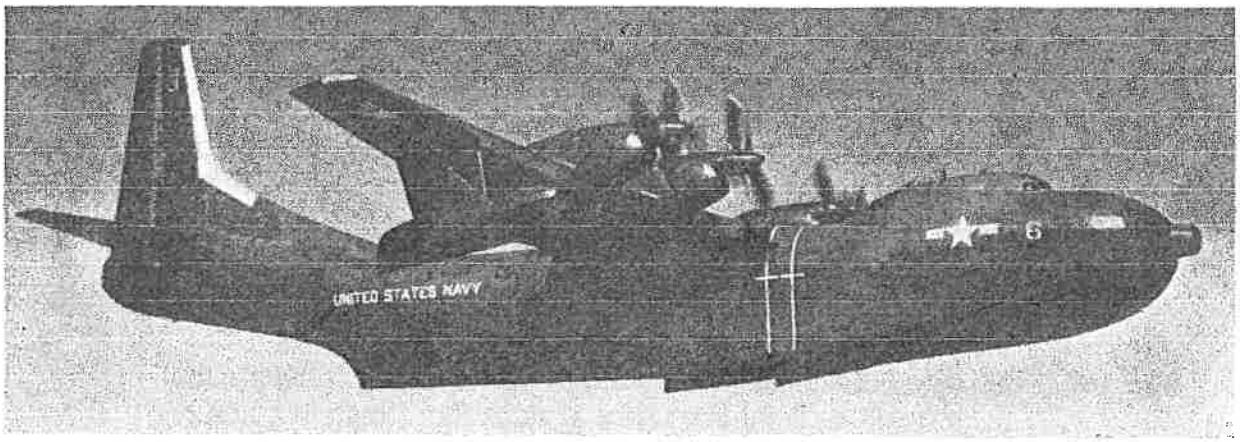
Mar. 2, 1911 Glenn Curtiss took off Spanish Bight beside North Island in the pusher hydro-triplane as Charles Witmer sat cross-legged on the float under the pilot. Curtiss landed so hard the float seams split. The machine sank tail first. As Curtiss advanced the throttle both propeller blades splintered in the water. The machine settled on the bottom four feet down. No one was hurt.

Mar. 2, 1912 Teenager Waldo D. Waterman went up with ENS. Victor D. Herbster in the Wright B-1 hydroaeroplane so Waterman could take photographs of the Navy camp on North Island. Herbster didn't know the floats had 30 gallons of water in them. When he nosed down the machine dove into Spanish Bight because the water ran forward in the floats making the machine noseheavy. No one was hurt.

Mar. 2, 1946 The Navy stored 36 Grumman F6F-5's for future conversion to drones. The drones were flown at NAAS Ream, Imperial Beach in 1952. I watched them. The field is still there.

Mar. 2, 1949 The first nonstop flight around the world was made by a Boeing B-50 crew when it landed at Carswell AFB, Fort Worth, Texas, after a 94-hour flight with four aerial refuelings.

Mar. 2, 1969 First flight of the Aerospatiale/British Aerospace Concorde SST.



dniwedarT 2-Y3R riavnoC

OUT OF THE PAST THIS WEEK
February 18 to 24, 2004

Feb.18, 1918 The Lafayette Escadrille became the 103rd Aero Squadron of the Army Air Service.

Feb.18, 1921 The first emergency free-type parachute jump from an airplane was made by airmail pilot C.C. Eversole near Minneapolis.

Feb.18, 1930 Elm Farm Ollie was the first cow to be milked in an airplane. The milk was sealed in containers and parachuted over St. Louis, Mo.

Feb.18-19, 1934 Eddie Rickenbacker and Jack Frye of TWA flew from Los Angeles to Newark, New Jersey in a Douglas DC-2 in 13 hours two minutes, a new record for passenger transport.

Feb.19, 1934 Army Air Corps pilots began flying the airmail.

Feb.19, 1943 Vega Aircraft Company got a letter of intent initiating the development of the XP2V-1 patrol planes.

Feb.19, 2003 A Russian Ilyushin 76 crashed into a mountain near Zahedan, Iran killing all aboard, 276 people.

Feb. 20, 1939 First flight of the Douglas DC-5/C-110/R3D-1.

Feb. 20,1962 USMC LCOL. John H. Glenn in Mercury-Atlas 6 *Friendship 7* launched from Cape Canaveral, made three turns around the earth then landed some 166 miles east of Grand Turk Island in the Bahamas. He was recovered by the destroyer NOA then helicoptered to the USS RANDOLPH(CV-15). It was the first of the U.S. manned orbital flights, four hours 55 minutes.

Feb. 20, 1974 The S-3A Viking ASW aircraft was officially introduced in the Navy at NAS North Island. The S-2 Tracker retired.

Feb. 21, 1920 Clyde Pangborn opened the Pangborn Aircraft Company in National City with partner, Ralph Reed, and an all-white Curtiss Jenny.

Feb. 21, 1922 The U.S. Army's Italian-built airship *ROMA* crashed at Langley Field, Virginia killing 33 crewmen.

Feb. 21, 1940 Ed Oberbauer flew the Ryan YO-51 from Lindbergh Field for 50 minutes reaching an altitude of 12,000 feet.

Feb. 21, 1945 First flight of the Hawker Sea Fury.

Feb. 22-23, 1921 Jack Knight and E.M. Allison flew the first transcontinental airmail from San Francisco to New York in 33 hours 20 minutes with DH-4M's.

Feb. 22, 1925 First flight of the DeHavilland Moth, G-EBKT, by Geoffrey de Havilland from Stag Lane Aerodrome, Edgware, Middlesex, Eng.

Feb. 22, 1931 Allan Essery took off from Emerald Hills Lake, San Diego, then landed in his Essery hydroglider.

Feb. 22, 1936 On a 4 p.m. flight from Bakersfield to North Island LT(jg) Edwin McDonald followed the lights on the highway. Then across Camp Kearny a low ceiling forced him down. He tried to get back to the highway but the wingtips hit the ground and he crashed. He suffered a broken rib, severe head, face, and body lacerations and was in shock, unable to move. It took several hours for two hundred citizens and 80

marines to find him. Six men carried him more than two miles through the thick brush to a waiting Navy ambulance. McDonald's statement was recorded. *"I was flying toward North Island when suddenly I ran into a low ceiling. I attempted to return over the highway to follow the lights of the autos, but while I was banking my plane I heard it scrape the brush. All I heard after that was a series of crashes."*

Feb. 22, 1944 Frank Courtney flew the Consolidated B-24J, 40092, from Lindbergh Field to Camp Kearny on a three-hour shakedown. Courtney volunteered in the museum library in 1981-82 before he died.

Feb. 22, 1978 Two arsonists destroyed the San Diego Aero-Space Museum and International Aerospace Hall of Fame in the 1915 Electric Building in Balboa Park with the loss of 55 aircraft, the library and archives. Nobody was injured.

Feb. 22, 1980 The San Diego Aero-Space Museum opened in the 1935 Ford Building. Admission was free for a short time to look at 10 planes.

Feb. 22-23, 1930 Hawley Bowlus set an American gliding record of nine hours five minutes over Point Loma, San Diego in a Bowlus sailplane.

Feb. 22, 1974 LT(jg) Barbara Ann Allen became the first female Naval Aviator at NAS Corpus Christi. That was 30 years ago.

Feb. 23, 1909 J.A.D. McCurdy made the first airplane flight in Canada when he flew the Silver Dart in Nova Scotia.

Feb. 23, 1930 Hawley Bowlus set a U.S. record of nine hours 16 minutes from Point Loma in a Bowlus glider.

Feb. 23, 1936 Consolidated Aircraft Corporation got a contract for the XPB2Y-1 four-engine flying boat.

Feb. 23, 1951 First flight of the Dassault M.D. 452 Mystere jet fighter.

Feb. 24, 1921 Army Lt. W.D. Coney flew a DH-4 from Rockwell Field, San Diego to Jacksonville, Florida in 22 hours 27 minutes.

Feb. 24, 1940 First flight of the Hawker Typhoon fighter.

Feb. 24, 1943 First flight of the Hawker Tempest fighter.

Feb. 24, 1944 Consolidated PBY Catalinas used MAD gear for the first time and sank the U-761 near Gibraltar.

1-D3R salguoD

OUT OF THE PAST THIS WEEK
February 11 to 17, 2004

Feb.11, 1925	The First Pursuit Group began a week of winter maneuvers at Oscoda, Michigan flying Curtiss P-1C's off the ice on skiis.
Feb.11, 1929	The USMC Curtiss OC-2 Falcon struck electric power lines near Santee then crashed killing Sgt. T.E.D. Nickle, and Cpl. R.S. Wiley.
Feb.11, 1943	Ryan Aeronautical Corporation got a contract to build three XFR-1's with a conventional engine and a turbojet. An FR-1 burned up in the old Aero-Space Museum.
Feb.11, 1943	Vought F4U Corsairs completed their first combat mission when 12 of them escorted a PB2Y to pick up a downed pilot at Vella Lavella. Where was Vella Lavella??
Feb.11, 1953	The Convair R3Y got the name Tradewinds.
Feb.11, 1970	The 50-pound Rising Sun 1 was the first Japanese satellite launched by a Japanese rocket.
Feb.11, 1979	Miles Blaine took Edward Leiser and Karl Smith up for an hour in his Cessna Skyhawk from Montgomery Field.
Feb.12, 1912	Robert Fowler completed a transcontinental flight in a Wright B from Los Angeles to Pablo Beach, Florida in 116 days.
Feb.12, 1918	Army Lt. B.W. Maynard looped 318 times without losing altitude in a Sopwith Camel over the American assembly plant at Romorantin, France.
Feb.12, 1928	Charles Holman completed 1,093 loops in a Laird biplane at Minneapolis, Minnesota.
Feb.12, 1935	After severe winds caused structural failure the USS MACON (ZRS-5) crashed with two fatalities in the ocean off Point Sur, California. The German airships were built stronger than ours.
Feb.12, 1936	The California Pacific International Exposition reopened in Balboa Park for the second year. The Ford Building housed the March of Transportation exhibit which included a Ryan S-T, Consolidated PB-2A, Curtiss BF2C and the Bowlus Model A sailplane Anne Lindbergh had soloed off Mt. Soledad on January 29, 1930.
Feb.13, 1917	The first loop with a seaplane was made by USMC Capt. F.T. Evans in a Curtiss N-9 at Pensacola, Florida. He received the Distinguished Flying Cross.
Feb.13, 1928	After a flight from Havana, Cuba Charles Lindbergh landed the Ryan NYP back at St. Louis, Missouri. He had completed goodwill flight to cities in Central and South America and the West Indies since December 13, 1927.
Feb.14, 1918	The French pilot Roland Garros, a POW since 1915, escaped from the Magdeburg prison camp, and returned to aerial combat.
Feb.14, 1926	First flight of the Ryan M-1 by Claude Ryan from Dutch Flats, San Diego.
Feb.14, 1930	Twenty San Diego ladies formed the Anne Lindbergh Gliders, bought a new Bowlus sailplane then named it Good Ship Anne.

Feb.14, 1932 Ruth Nichols set an altitude record of 19,928 feet over Floyd Bennett Field, New York in a Lockheed VEGA with a Packard Diesel engine.

Feb.14, 1942 Rohr Aircraft Corporation in Chula Vista completed the first four engine power packages for Consolidated B-24 bombers.

Feb.14, 1942 First flight of the Douglas C-54 Skymaster.

Feb.15, 1916 Floyd Smith set an altitude record for four men of 9,603 feet in two hours 20 minutes flying a Martin S hydroplane from San Diego bay.

Feb.15, 1918 Ensign Albert Sturtevant was killed in air combat over the North Sea. He was the first U.S. Navy aviator to die in air combat.

Feb.15, 1922 The Senate passed the Wadsworth Bill providing for a Bureau of Aeronautics in the Department of Commerce. It did not become a law. Aviation was not yet that important in the United States.

Feb.15, 1925 An Army pilot hooked his airplane on to an airship in flight near Scott Field, Illinois.

Feb.15, 1946 First flight of the Douglas XC-112A/DC-6.

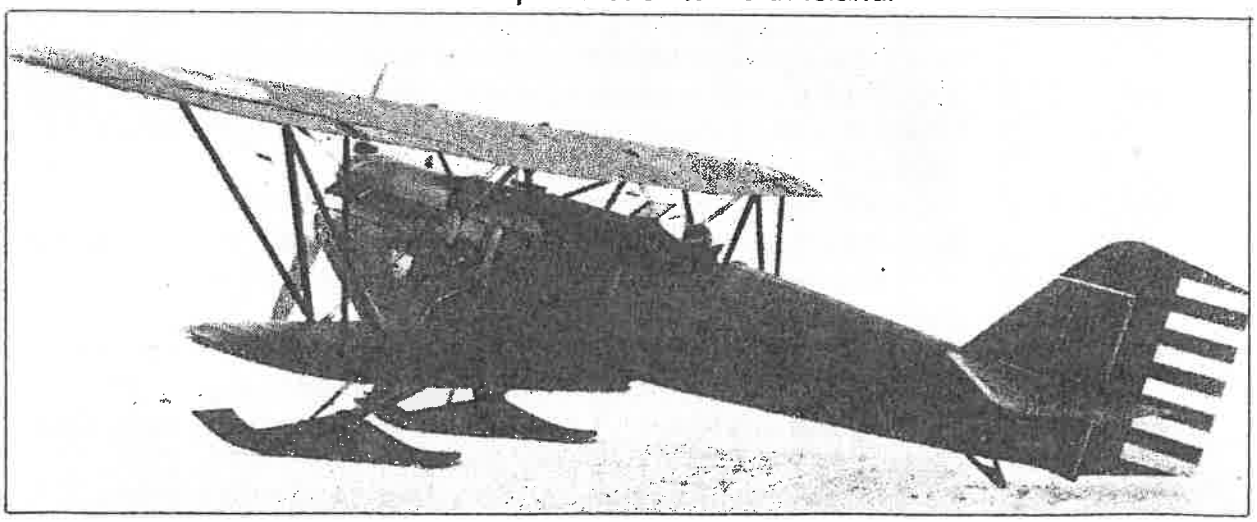
Feb.16, 1936 New Douglas DST sleeper entered airline service.

Feb.16, 1944 First flight of the Curtiss XSC-1 Seahawk, the last scout airplane in the Navy.

Feb.16 to Mar.16, 1945 Capture of Iwo Jima supported by 14 aircraft carriers. They also hit Okinawa and Japan. Kamikaze pilots sank BISMARCK SEA(CVE-95), hit LUNGA POINT(CVE-94) and seriously damaged SARATOGA.

Feb.16, 1998 A China Airlines Airbus 300-622R crashed on approach to the airport at Taipei, Taiwan killing 203 people including six on the ground.

Feb.17, 1911 At San Diego Glenn Curtiss flew his **tractor** hydroaeroplane from North Island to USS PENNSYLVANIA anchored in the bay. Sailors hoisted them aboard. After being craned back in the water Curtiss "moved" the plane back to North Island.



siks no C1-P ssitruC

OUT OF THE PAST THIS WEEK
February 4 to 10, 2004

Feb. 4, 1912	Franz Reichelt jumped off the Eiffel Tower in Paris to demonstrate his parachute. He was killed.
Feb. 4, 1944	During a test of refueling operations with the USS ALTAMAHA (CVE-18) off San Diego the Goodyear K-29 made the first carrier landing by a non-rigid airship.
Feb. 4, 1944	Two Consolidated-Vultee PB4Y's made the first photo recon of Truk Island.
Feb. 4, 1947	First flight of the Convair XB-46 by Sam Shannon from Lindbergh Field. It had four J-35 jet engines. Only one was built.
Feb. 4, 1948	First flight of the Douglas D-558-2 Skyrocket.
Feb. 5, 1915	The first true fighter plane arrived in France for the Royal Flying Corps, a Vickers F.B.5 Gunbus.
Feb. 5, 1918	The first American air victory was scored by American gunner Lt. Stephen Thompson over an Albatros D.V while flying in a French Breguet 14 with a French squadron during a raid on Sarrebrucke, Germany. I corresponded with Thompson for his story and met him at the Air Force Museum in 1970.
Feb. 5, 1933	During an air show at old Camp Kearny airport the Travel Air stalled and spun into the ground killing one of the men.
Feb. 5, 1941	First flight of the Curtiss P-40F Warhawk.
Feb. 6, 1945	VPB-109, 123 and 124 were equipped with Bat guided missiles in combat.
Feb. 6, 1955	USS MIDWAY(CV-41) began operating in the China seas after steaming from the Atlantic to the Pacific around the Cape of Good Hope. Where is it today?
Feb. 6, 1996	A Turkish Boeing 757 crashed into the Atlantic Ocean off the Dominican Republic killing 189 people.
Feb. 7, 1911	Flying his Antoinette monoplane from North Island Harry Harkness delivered a message from Maj. McManus at Fort Rosecrans to Lt. Ruhlen near the Mexico-U.S. border, an aviation "first."
Feb. 7, 1911	First flight of the Curtiss tractor hydroaeroplane by Glenn Curtiss from Spanish Bight next to North Island. See the print.
Feb. 7, 1916	The first British squadron of single-seater fighters arrived in France, D.H.2's, commanded by Major Hawker.
Feb. 7, 1930	An unknown type of tri-motor labeled FLYING GROCERY landed at Lindbergh Field with canned goods.
Feb. 7, 1937	Mission Bay rose flooding Peik's Airport up to the cockpit of his OX5 Waco.
Feb. 7, 1965	In retaliation for a Viet Cong attack on Pleiku, RANGER, CORAL SEA and HANCOCK blasted the military barracks and staging areas near Dong Hoi in North Vietnam.
Feb. 8, 1918	A new National aircraft insignia replaced the white star with concentric circles of red and blue around white, and reversed the

order of the red, white and blue vertical bands on the rudder, placing red nearest the rudder post.

Feb. 8, 1933 First flight of the Boeing 247 10-passenger airliner.

Feb. 8, 1974 Skylab IV landed in the Pacific after 84 days in space.

Feb. 9, 1914 2nd LT. H.B. Post took off from San Diego bay and set an altitude record in the Wright C, SC.10. On the way down the upper wing crumpled and the biplane crashed in the bay. Post died.

Feb. 9, 1934 USS MACON(ZRS-5) arrived at San Diego from Moffett Field then moored to a mast at old Camp Kearny.

Feb. 9, 1934 President Roosevelt annulled all airmail contracts and ordered the Army to start delivering the air mail. Army pilots began flying the airmail on February 18.

Feb. 9, 1935 The Navy ordered the Naval Aircraft Factory to build the XN3N-1, prototype of the *Yellow Peril* primary trainer.

Feb. 9, 1937 First flight of the Blackburn B-24 Skua divebomber.

Feb. 9, 1939 Jack Robinson flew his glider Robin from Torrey Pines to Alpine reaching 5,000 feet.

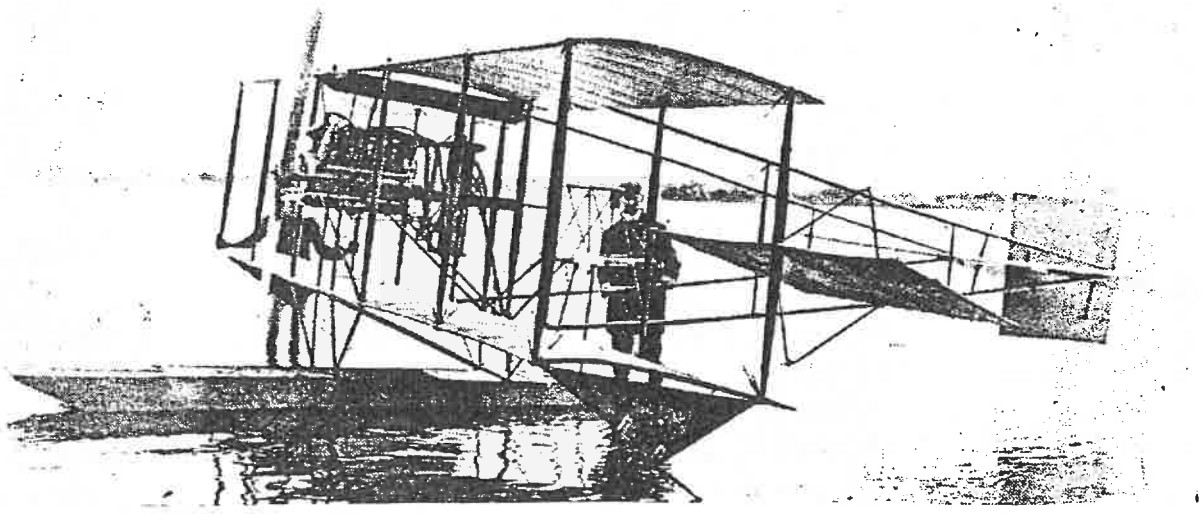
Feb. 9, 1955 First flight of the Convair 540 airliner.

Feb. 9, 1969 First flight of the Boeing 747 jumbo jet from Paine Field, Seattle, Washington.

Feb.10, 1908 The Army signed a $25,000 contract for its first military airplane, a Wright Model A biplane. Today it is in the National Air and Space Museum at Washington, D.C.

Feb.10, 1934 A civilian plane lost its engine a quarter mile off Del Mar and crash-landed in the ocean. One of the two men drowned.

Feb.10, 1952 The landing gear on the Convair B-36D would not latch up after takeoff from Lindbergh Field. After 12.5 hours burning fuel USAF Captain Culp landed the plane safely back on Lindbergh Field.



nalporeaordyh rotcart ssitruC 1191

OUT OF THE PAST THIS WEEK
January 28 to February 3, 2004

Jan. 28-29, 1911 Glenn Curtiss, Eugene Ely and Hugh Robinson flew in the Air Meet at the Coronado Country Club.

Jan. 28, 1928 First flight of the Bird Air Bus #4, 3225, from Camp Kearny by W.W. Bird. He built it in San Diego.

Jan. 28, 1937 Twelve Consolidated PBY-1's of VP-6F flew from San Diego to Honolulu.

Jan. 28, 1986 Challenger 51-L with Scobee, Smith, Resnik, Onizuka, McNair, Jarvis and Christa McAuliffe aboard exploded 73 seconds after takeoff from Cape Canaveral. All were killed.

Jan. 29, 1912 The Naval Aviation Camp on North Island got underway with LT. John Rodgers as OINC, LT. Ellyson, LT. John Towers, and Ensign Herbster. They had the Curtiss A-1 and Curtiss A-2. The Wright B-1 was still on the train.

Jan. 29, 1919 There was a mid-air collision by Lt. James H. Doolittle in a Jenny and Lt. George P. Leggett in a Thomas-Morse Scout over Ream Field at Imperial Beach. Leggett died. Doolittle landed safely with his student.

Jan. 29, 1930 Anne Lindbergh flew a Bowlus glider off Mt. Soledad in La Jolla becoming the first licensed glider pilot in the country.

Jan. 30, 1929 Elinor Smith set an endurance record for women of 13 hours 16 minutes in an OX-5 Brunner-Winkle at New York.

Jan. 30, 1933 First flight of the Curtiss T-32 Condor II biplane as 12-passenger airliners and YC-30 Army transports.

Jan. 30, 1934 Fedoseyenko, Vasenko and Usyskin set an unofficial altitude record of 70,000 feet near Moscow in the balloon *Osaviakhim I.* Then it crashed and they were killed.

Jan. 30, 1942 A glider program was authorized for the Marine Corps for the training and transportation of two battalions of 900 men each.

Jan. 30, 1944 Two squadrons of Consolidated PB2Y Coronados bombed Wake Island then did it three more times in February.

Jan. 31, 1939 The Army Air Corps moved its last property from old Rockwell Field on North Island to Sacramento.

Jan. 31, 1946 The first missile launched at Naval Air Facility, Point Mugu, California, was a Loon, a copy of the German V-1 pulse jet. Many years later a Loon from Point Mugu was on exhibit in the old San Diego Aero-Space museum then destroyed in the 1978 fire.

Jan. 31, 1958 The first U.S. satellite, the 19 pound Explorer I, was launched. It reentered the atmosphere burning up on March 31, 1970.

Jan. 31, 1961 A Marine Corps helicopter recovered a Mercury capsule at sea carrying the chimpanzee Ham after being launched by a Redstone rocket from Cape Canaveral, then completing a 15-minute flight reaching 155 miles high and 420 miles down range.

Jan. 31, 1970 USS MIDWAY(CVA-41) was recommissioned after a four-year conversion program at San Francisco Bay Naval Shipyard.

Jan. 31 to Feb. 9, 1971 Apollo-Saturn 14 made the third moon landing with Astronauts Shepard and Mitchell collecting 96 pounds of lunar samples while Mitchell flew the spacecraft.

Feb. 1914 First flight of the Bristol Scout A.

Feb. 1922 The U.S. Chamber of Commerce endorsed legislation for national air laws.

Feb. 1925 First flight of the de Havilland D.H.60 Moth

Feb. 1931 First flight of the Breguet 390T tri-motor, destroyed in a crash on July 3.

Feb. 1940 First flight of the Dewoitine HD.730.01 scout seaplane.

Feb.1-2, 1919 The World's Greatest Flying Circus was held by Army aviators at Rockwell Field, North Island, San Diego.

Feb.1, 1941 The first Rohr Aircraft Corporation building was completed at the foot of H Street, Chula Vista where Roland Tyce's Chula Vista Airport was in the 1920's.

Feb. 2, 1947 The Bell X-1 reached about 1700 mph at 88,000 feet.

Feb. 2, 1954 First flight of the Lockheed XF-104 Starfighter.

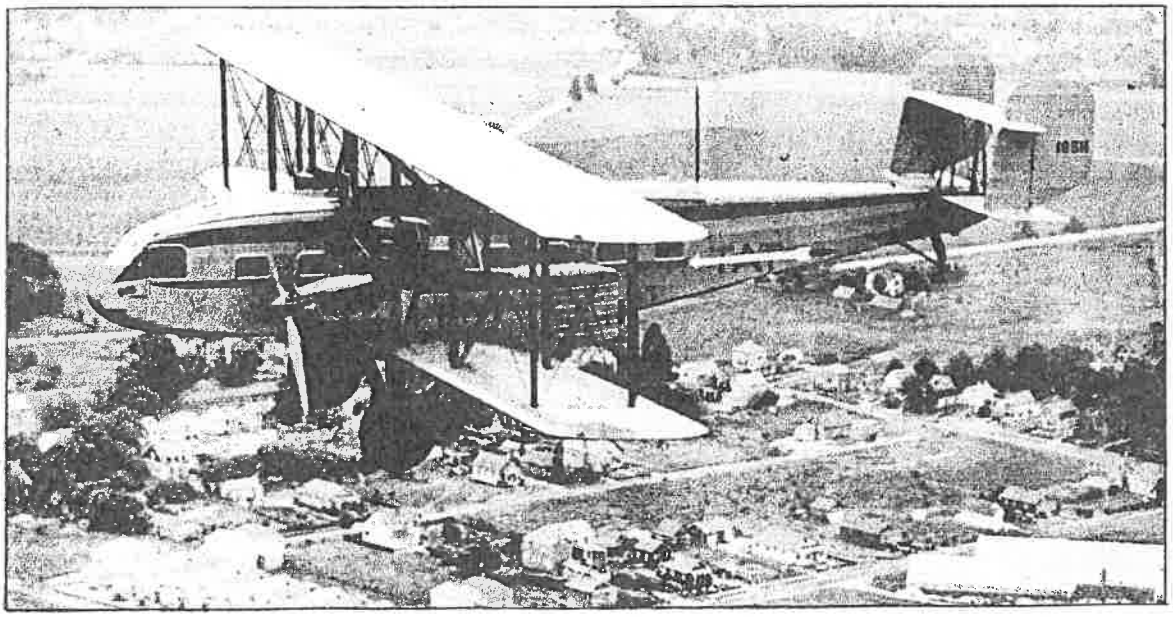
Feb. 2, 1998 A Cebu Pacific Air Douglas DC-9-32 crashed into a mountain near Cagayan de Oro, Philippines killing 104 people.

Feb. 3, 1937 Louis Dale was giving a flying lesson in a Swallow, NC684H, from Chula Vista Airport. Dale fell out when his safety belt broke and parachuted safely. The student landed safely on Ream Field in Imperial Beach. Dale used to visit the old museum.

Feb. 3, 1928 First flight of the Boeing F3B-1.

Feb. 3, 1969 Grumman got a contract to develop the F-14A fighter and make six aircraft with the variable-swept wing.

Feb. 3, 1983 First flight of the Dassault Mirage 2000N two-seat fighter.



rodnoC ssitruC

OUT OF THE PAST THIS WEEK
January 21 to 27, 2004

Jan. 21, 1930 First flight of the Solar XM-1, X258V, was made by Douglas Kelley from Lindbergh Field for 30 minutes.

Jan. 21, 1955 First flight of the Hiller Flying Platform, a one-man helicopter, at Palo Alto, California.

Jan. 21, 1960 After Pete Girard flew a 1941 Pitcairn autogiro from Gillespie Field he made a crash landing. He wasn't injured.

Jan. 21, 1976 Simultaneous inaugural flights by supersonic Concordes of Air France and British Airways. Want to buy one now?

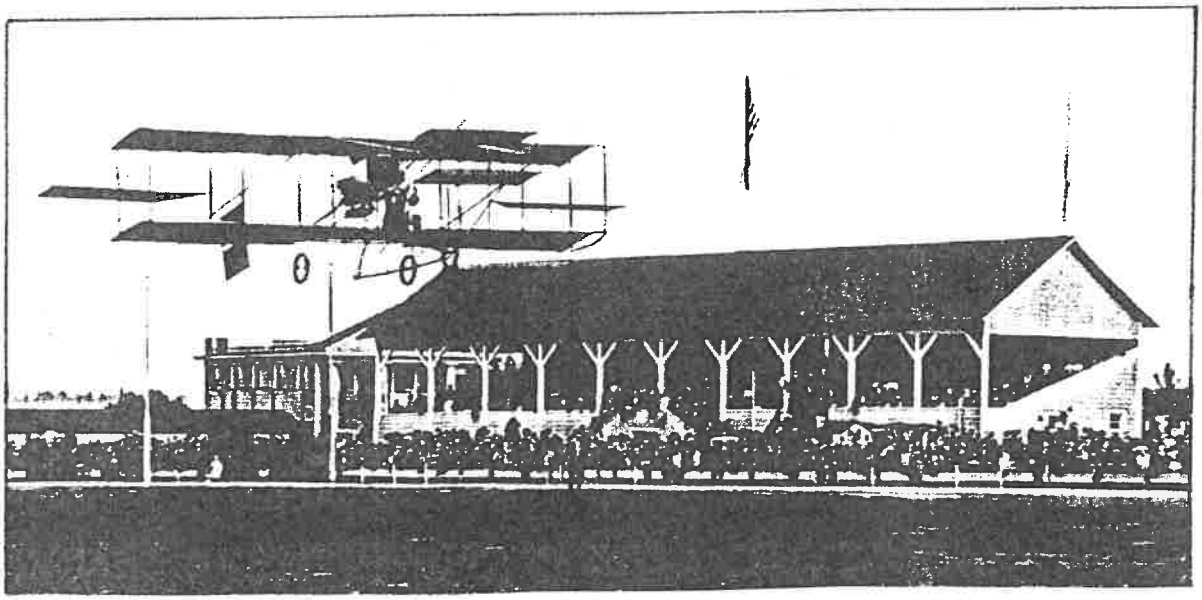
Jan. 22, 1910 The first Air Meet at San Diego was held at the Coronado Country Club polo ground for four days. Charles Hamilton flew the 1909 Curtiss Rheims racer to Mexico and back, and gave local aviator-to-be Charles Walsh a ride after he had wrecked his homebuilt monoplane on takeoff that day. Hamilton flew several air shows during the Air Meet including one to Mexico and back.

Jan. 22, 1920 Navy Lt. Roman Miller with four passengers flew a free balloon off North Island and landed in National City.

Jan. 22, 1925 VF-2 began landing practice on LANGLEY(CV-1) off San Diego flying 18 Vought VE-7SF fighters, the first Navy squadron to operate from a carrier. The carrier was flagship of Aircraft Squadrons, Battle Fleet(ASBF).

Jan. 22, 1948 Project Sign was established at Wright Field to investigate UFO's two weeks after National Guard pilot Capt. Thomas Mantell died in the crash of his P-51 Mustang while trying to check out a UFO reported by hundreds of people.

Jan. 22, 1973 A chartered Boeing 707 burst into flames during landing at Kano Airport, Nigeria killing 178 people.



ogeiD naS ta wohs ria tsriF

ALMOST EVERYTHING WE SAY IS TRUE – COMPILED BY EDWARD LEISER

Jan. 23-27, 1929 On Fleet Problem IX SARATOGA's strike group of 69 aircraft "attacked" the Panama Canal completing the theoretical destruction of two canal locks without opposition.

Jan. 23, 1939 Navy Patrol Wing ONE completed a flight from San Diego to Coco Solo to San Juan Bay, Puerto Rico with 48 Consolidated PBY's of four squadrons commanded by Captain Marc Mitscher.

Jan. 24, 1913 The Army's first Curtiss tractor biplane was delivered to the Signal Corps Aviation School at North Island, San Diego.

Jan. 24, 1935 The Ryan Brougham flown by Robert Jacquot severed a high tension wire while he was spraying a field in Chula Vista. The wire electrocuted an 11-year old boy.

Jan. 24, 1961 First flight of the Convair 990 by Donald Germeraad at San Diego.

Jan. 25, 1910 Charles Hamilton gave Mrs. Sefton a straightaway ride in his Curtiss pusher at Coronado Country Club. She was the first woman in San Diego to fly in an aeroplane.

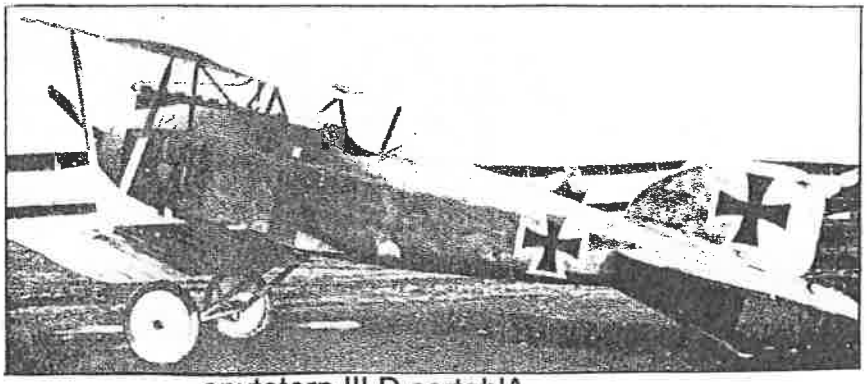
Jan. 26, 1911 First aeroplane to taxi, takeoff and land on the water was a Curtiss hydroaeroplane flown by Glenn Curtiss at 40 miles per hour from Spanish Bight between Coronado and North Island, San Diego. The pusher biplane had been converted from a landplane at North Island. Inflated bicycle inner tubes were fastened to "shingles" out by the lower wing tips. In a book he wrote a year later he "was approaching the shore and to avoid running aground I tilted the horizontal control and the machine leaped into the air like a frightened gull. So suddenly did it rise that it quite took me by surprise."

Jan. 26, 1918 To provide a "parasite fighter" to defend a Zeppelin an Albatros D.III was suspended below the L.35 and successfully dropped in the air.

Jan. 26, 1929 First flight of the Bowlus Model S.P.1 sailplane by Hawley Bowlus from Lindbergh Field. A reproduction hangs in the museum.

Jan. 27, 1928 The German-built airship LZ.126, which became USS LOS ANGELES(ZR-3), successfully landed on the deck of SARATOGA(CV-3) near Newport, R.I.

Jan. 27, 1959 First flight of the Convair 880 by Don Germeraad from Lindbergh Field.



epytotorp III.D sortablA

OUT OF THE PAST THIS WEEK
January 14 to 20, 2004

Jan.14, 1926 The Vought UO wings collapsed during the third tight loop over San Diego then the plane fell into San Diego bay. LT. F.G. Kahn and B.J. Law, Seaman 1/C, died in the crash.

Jan.14, 1930 During gunnery practice from SARATOGA(CV-3) Boeing F3B pilots from VF-6B fired bullets that hit homes and businesses in La Jolla.

Jan. 14, 1943 USS INDEPENDENCE(CV-22) was commissioned at Philadelphia, Pennsylvania.

Jan.14, 1947 The National Star insigne got a horizontal red stripe on the white horizontal bars.

Jan.15, 1911 Army Lt. Crissy dropped a live bomb on a target from a Wright biplane at San Francisco.

Jan.15, 1912 The Naval Aviation Detachment established "Camp Trouble" on North Island with officers Ellyson, Towers, Richardson, Rodgers and Herbster flying the Curtiss A-1, A-2 and the Wright B-1. They left in May for Annapolis.

Jan.15, 1915 Army Lt. B.Q. Jones set a one-man duration record of eight hours, 53 minutes in the Martin TT No.37 tractor biplane, over North Island.

Jan.15, 1921 Twelve Curtiss F-5L seaplanes completed a 3,200-mile flight from San Diego to the Canal Zone with nine stops in 17 days, commanded by Captain Mustin. The Curtiss NC-5 and NC-6 flying boats were lost on the trip. It was the longest flight in history by 1921. Several Navy ships had accompanied them.

Jan.15, 1931 Ten Savoia-Marchetti S-55 flying boats commanded by Gen. Italo Balbo reached Rio de Janeiro, Brazil in seven hops after leaving Italy on December 17.

Jan.15, 1936 Consolidated completed the first airplane in their new factory on Lindbergh Field, a P-30A two-seat pursuit monoplane. The Air Corps bought 50 then redesignated them PB-2A.

Jan.16, 1917 Manfred von Richthofen with 16 victories was awarded the *Pour le Merite,* the highest German medal.

Jan.16, 1951 Convair got government support to resume studies on the MX-774 missile(1948) and established Project MX-1593, the study phase for an intercontinental missile, the Atlas rocket.

Jan.17, 1915 Aviators with a sense of humor formed the Brotherhood of Fractured Birdmen. They included Lincoln Beachey, Glenn Martin, Lewis Goodier, Hugh Robinson and Harold Geiger.

Jan.17, 1969 C.C. Stewart flew an American Airlines Boeing 707 from Lindbergh Field to Phoenix. Stewart is a museum volunteer.

Jan.18, 1911 The first aeroplane to land on a ship was a Curtiss pusher flown by Eugene B. Ely aboard the after deck of USS PENNSYLVANIA anchored in San Francisco bay. Then he took off the armored cruiser and landed back at Camp Selfridge. Later, there was an Army Selfridge Field at Mount Clemens, Michigan. Ely received

the Distinguished Flying Cross posthumously on February 16, 1932.

Jan.18, 1923 Landing the Curtiss F-5L in Avalon Harbor at Catalina Island, Lt. W.R. Rohrbach flew through a low cloud and into a rock splintering the plane to pieces. Rohrbach's death was the first in an F-5L at San Diego.

Jan.18, 1931 Air Corps Reserve pilot Lt. H.H. Haw flew a DH-4MIT from Rockwell Field on North Island for 45 minutes on a training hop.

Jan.18, 1952 The Convair 340 completed its first flight from Lindbergh Field.

Jan.18, 1963 Flight Engineer Randy Prine flew a Lockheed 149 with American Flyers from Ardmore, Oklahoma to Lindbergh Field. Prine is a museum volunteer.

Jan.19, 1915 During the first Zeppelin raid on England naval airships L.3 and L.4 bombed the Yarmouth and Norwich areas.

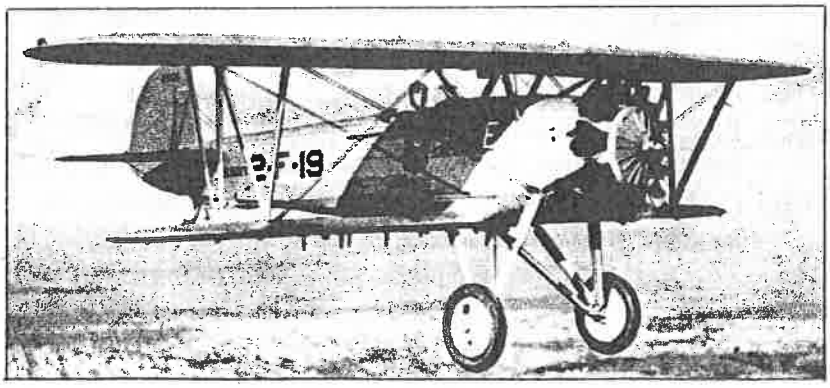
Jan.19, 1920 The 91st Aero Squadron landed their DH-4's at Ream Field, Imperial Beach, their base until October for Border Patrol, gunnery, formation practice and parachute jumping. One of the pilots, Lt. James S. Krull, had taught Maj. Reuben Fleet to fly at North Island in 1917. Krull used to visit the old museum in the 1970's before he died.

Jan.19, 1951 Convair got a contract to build two XF2Y Seadarts, jet-propelled seaplanes with water skiis.

Jan.19, 1972 Lts. Randall Cunningham and William Driscoll in a McDonnell Douglas F-4 Phantom II, of VF-96 off USS CONSTELLATION, shot down a MiG-21. It was the 33rd MiG shot down in the Vietnam conflict since the first one on June 17, 1965 by Cdrs. Page and Smith in a VF-21 F-4 off USS MIDWAY. The MIDWAY is now at North Island.

Jan. 20, 1914 At Pensacola, Florida an aviation unit from Annapolis under Lt. J.H. Towers with eight officers, 23 men, seven aeroplanes, and portable hangars began setting up a Flying School.

Jan. 20, 1932 The Navy amphibian from North Island took off in the dark and flew into the foremast of USS ALDEN(DD-211) moored in the harbor. The pilot was killed.



1-B3F gnieoB

OUT OF THE PAST THIS WEEK
January 7 to 13, 2004

Jan. 7, 1785 Jean-Pierre Blanchard and his passenger, Dr. John Jeffries, completed the first aerial crossing of the English Channel in a hydrogen balloon from Dover and landing 12 miles from Calais.

Jan. 7, 1930 A VJ-1 Loening amphibian from North Island crashed into San Diego bay near the Santa Fe Railway shops in National City killing Lt. Burkett and his crewman.

Jan. 7, 1943 Development of the first Navy aircraft with a turbojet engine was initiated with McDonnell Aircraft Corporation. The XFD-1 would have two Westinghouse 19-B engines. The airplane became the prototype for the FH-1 Phantom.

Jan. 7, 1949 Capt. Charles Yeager climbed the Bell X-1 23,000-feet from takeoff at 13,000-feet per minute over Muroc Dry Lake.

Jan. 8, 1944 Milo Burcham completed the first flight of the Lockheed P-80 at Muroc Dry Lake, California.

Jan. 8, 1996 An Antonova 32 cargo jet crashed into a central market at Kinshasha, Zaire killing more than 350 people.

Jan. 9, 1793 Jean-Pierre Blanchard made the first free balloon ascent in the U.S. from Philadelphia to Woodbury, New Jersey carrying a letter from President George Washington.

Jan. 9, 1923 First flight of the Cierva C.4 autogyro by Juan de la Cierva at Getafe, Spain.

Jan. 9-20, 1945 Operations in the South China Sea hit the Indo-China coast. Enemy air damaged two carriers. Over 600 enemy planes were destroyed.

Jan.10, 1917 On a flight from North Island to Arizona Army pilot Lt. Robertson and Col. Bishop got lost and force-landed their Curtiss N-8 in Mexico. Eight days later they were found weak and alive.

Jan.10-11, 1934 Six Consolidated P2Y-1 flying boats of VP-10F flew nonstop from San Francisco to Pearl Harbor for a seaplane distance record of 2,399 miles in 24 hours, 56 minutes.

Jan.11, 1916 American altitude record for seaplanes with one passenger of 12,362-feet was set by pilot Floyd Smith with Donald Douglas in a Martin seaplane after taking off from San Diego bay.

Jan.11, 1932 The VF-2B Vought FU-2 from North Island made a forced landing at Border Airport after the engine failed. One of the crew, Clarence Carter, CAP, died en route to the hospital. The dirt airfield was on the ocean and along the border fence. The newly plowed field caused the plane to overturn. A second Navy plane also nosed over when the pilot landed to assist in the rescue.

Jan.11, 1933 The Air Corps signed a contract with Boeing Airplane Company for 111 P-26A's, the first all-metal Air Corps production fighter.

Jan.11-12, 1935 Amelia Earhart made the first **solo** flight from Hawaii to the U.S. from Wheeler Field, Honolulu to Oakland, California in a Lockheed Vega in 18 hours, 16 minutes.

Jan.11, 1944 The first U.S. forward-firing rocket attack was made against a U-boat by Grumman TBF-1C's of Composite Squadron 58 from USS BLOCK ISLAND(CVE-106).

Jan.12, 1916 Boelcke and Immelmann were awarded the *Pour le Merite*. Each had eight victories.

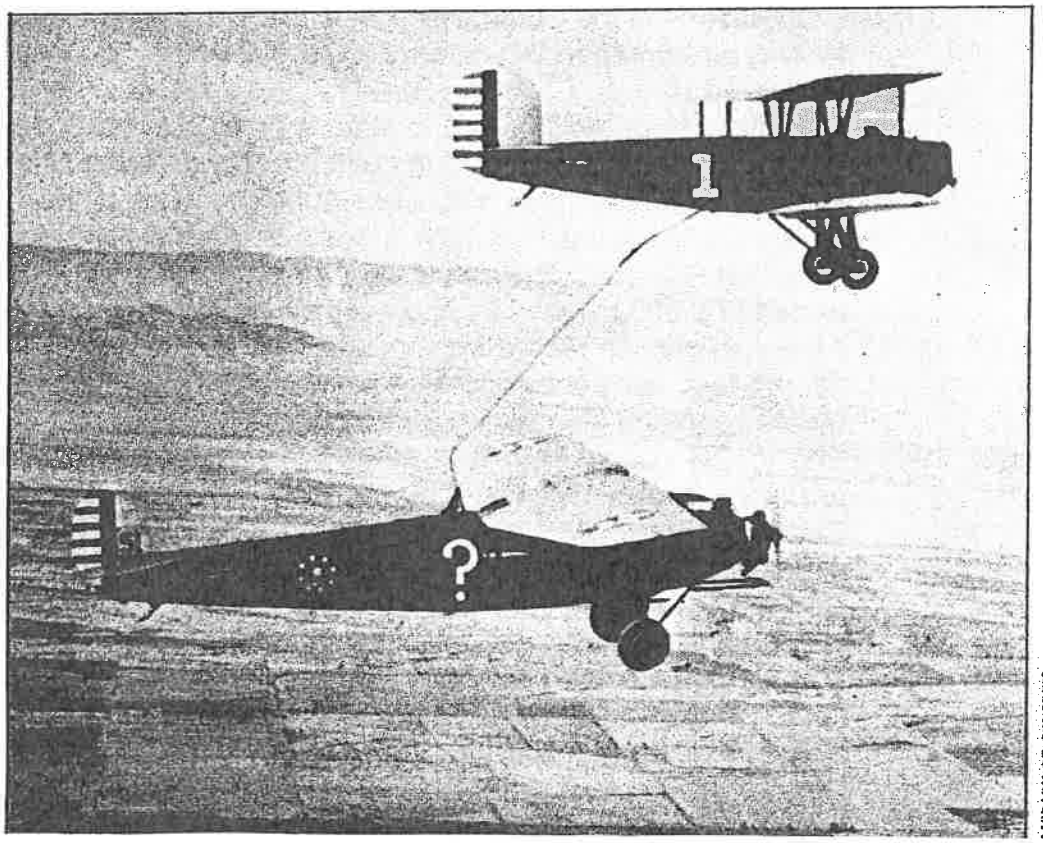
Jan.12, 1973 VF-161, flying off USS MIDWAY, shot down a MiG-21, the last of a total 57 MiG's shot down by USMC and Navy aviators in the Vietnam conflict.

Jan.13, 1929 While approaching for a landing in a Waco at Dutch Flats along Barnett Avenue John Fornasero misjudged the high tension wires then banked the biplane into a telephone pole on the Marine base. Fornasero was a student pilot with eight flying hours at the Ryan school. He was not injured. The plane lost the right hand wings and part of the landing gear for a total $2,300 damage.

Jan.12, 1984 Former museum member Jim Dalby flew the reproduction Curtiss A-1 TRIAD off San Diego bay. He died October 1, 2001 at age 80.

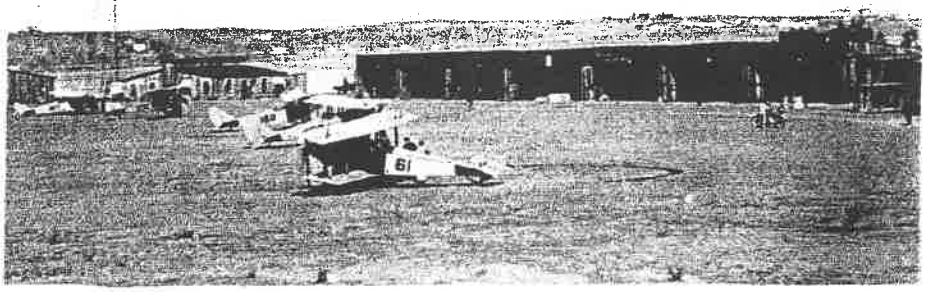
Jan.13, 1930 Hawley Bowlus set an American glider record of six hours, 19 minutes from Point Loma, San Diego in a Bowlus sailplane.

Jan.13-14,1936 Howard Hughes set a west-east and non-stop transcontinental record from Burbank, California to Newark, New Jersey in nine hours, 26 minutes flying a Northrop Gamma.



1-C salguoD dna kraM noitseuQ A2-C rekkoF

OUT OF THE PAST THIS WEEK
December 31, 2003 to January 6, 2004



A view of the hangar area at North Island in early 1917. The Administration Building is in the left center with hangars to either side and the tower beyond. In the foreground is the second Curtiss N-8, No. 61. (National Archives)

Dec. 31, 1919 Navy Lt. Crinkley flew an F-5L from San Diego bay to San Pedro then returned with the fleet mail. The daily flight up there became known as the Cloud Line.

Dec. 31, 1926 Under the Air Commerce Act the Department of Commerce began regulating civilian aviation by inspecting airplanes and testing pilots before granting licenses. Aircraft got registration numbers on the wings and tails. N stood for USA. C stood for commercial and was used until 1949. S stood for state or federal government and was used until 1937. X first stood for special purpose, later "experimental" and was used until 1949. P stood for Private then was cancelled in March 1927 having never been issued.

Dec. 31, 1933 First flight of the Polikarpov I-16 Ishak(Little Donkey) monoplane fighter.

Jan.1912 The Navy established an Aviation Camp on North Island with the first three Navy aeroplanes, the Curtiss A-1 and A-2, and the Wright B-1. Officers Ellyson, Herbster, Richardson, Towers and Rodgers lived and flew there for four months in tents. They named the place Camp Trouble.

Jan.1, 1914 The first regularly scheduled airline in the U.S. started operation across Tampa Bay between St. Petersburg and Tampa with one Benoist flying boat. It lasted three months.

Jan.1, 1914 Lt. T.G. Ellyson was appointed Navy Air Pilot No.1. The title was later changed to Naval Aviator No.1.

Jan.1, 1918 James Norman Hall recorded the last confirmed victory of the Lafayette Escadrille as it was being absorbed into the AEF.

Jan.1, 1922 The Underwriters' Laboratories, Inc., in Chicago started the registry of aircraft and pilots after passing inspections and tests for insurance companies. It lasted about a year. The federal government did not license pilots and airplanes until December 31, 1926. Pilots were unable to buy insurance.

Jan.1, 1927 Fighting Squadron 2 (VF-2) was commissioned with four Naval Aviators and 10 enlisted pilots, AP's(Aviation Pilot's), to test the feasibility of using enlisted pilots in fleet squadrons. It was feasible and less expensive. Some were still flying in 1948.

Jan.1-7, 1929 An aerial refueling record of 150 hours 40 minutes was set by the Fokker C-2A tri-motor *QUESTION MARK* under command of Maj. Carl Spaatz with a crew of four men flying from Los Angeles. It refueled in the air over San Diego once during the flight.

Jan.1, 1949 The CAA modified civil aircraft markings. It eliminated the prefixes NC, NX, and NL. The new markings consisted of only the letter N for USA followed by no more than five registration numbers and letters.

Jan.1, 1978 An Air India Boeing 747 exploded then crashed in the sea off Bombay, India killing 213 people.

Jan. 2, 1929 Flying a two-seater, open cockpit, parasol wing Golden Eagle Chief over Los Angeles eighteen-year old Bobbie Trout set an endurance record with no refueling for women of 12 hours, 11 minutes.

Jan. 3, 1911 Glenn Curtiss and Navy Lt. Ellyson visited San Diego and examined North Island. Curtiss decided the island was plenty large enough for his aviation school. Spanish Bight, between North Island and Coronado, provided calm waters to experiment with his old idea, a hydroaeroplane.

Jan. 3, 1924 VT-20 left NAS, San Diego aboard USS VEGA(AK-17) to join the Asiatic Fleet with six Douglas DT torpedo planes.

Jan. 3, 1928 Navy Lt. Studley flew the Loening OL-6, 7343, for one hour 15 minutes from North Island on AA and communication drills.

Jan. 3, 1969 Light Attack Squadron Four was commissioned at NAS North Island flying the OV-10A Bronco then operated in the Mekong Delta, SVN.

Jan. 4, 1915 In San Diego the Jannus Flying Service began at the foot of Market Street. Roger Jannus had two flying boats. A round trip to Pacific Beach cost $30.

Jan. 5, 1928 Lt. A.M. Pride landed the first airplane on the flight deck of USS LEXINGTON(CV-2), a Vought UO-1, at Boston, Massachusetts.

Jan. 6, 1920 Navy Lt. Compo force-landed an F-5L in the ocean off Oceanside at 2:30 p.m. He was rescued at 11 p.m.

Jan. 6, 1928 USMC Lt. Schilt, flying a Vought O2U-1, made the first of 10 flights in which he landed on a street in Quilahi, Nicaragua and evacuated 18 wounded men while under hostile fire. He got the Medal of Honor.

OUT OF THE PAST THIS WEEK
December 24 to 30, 2003

Dec. 24, 1911 The Navy ordered three aviators to set up an experimental camp on North Island then take flying lessons in the new Curtiss hydroplane(sic). The three were Lt. Spuds Ellyson, Lt. John Rodgers and Lt. John Towers. Workmen at Annapolis crated two Curtiss pushers and one Wright pusher for the train trip across country.

Dec. 24, 1917 By Christmas Eve there were 700 cadet fliers and mechanicians in the naval aviation school at Balboa Park who expected to move to North Island after the Army aviators made room for them.

Dec. 24, 1935 First flight of the Grumman XSBF-1 by B.A. Gillies.

Dec. 24, 1937 First flight of the Macchi C200 Saetta(Lightning) monoplane fighter.

Dec. 24, 1966 A U.S.-chartered CL-44 crashed into a village in South Vietnam killing 129 including some people on the ground.

Dec. 25 The annual sleigh ride by Santa Claus around the world.

Dec. 26, 1913 Army Lts. Carberry and Taliaferro took off North Island at 2 p.m. in the Curtiss Model G. No.22. After a two-hour flight from La Jolla, across False Bay(Mission Bay today), the harbor, then down to Tijuana they landed back on North Island with a new Army altitude record of 7,800 feet. The aviators gave credit to the new Curtiss OX motors.

Dec. 26, 1921 The San Diego Union published an 18th anniversary story about the Wright brothers, It said they had been classed among the inventors of the perpetual motion machines in 1903 and considered mentally disabled.

Dec. 26, 1942 Marine 2nd Lt. Murray ditched his Douglas SBD-3 in the ocean 12-miles off Point Loma then was rescued.

Dec. 26, 1956 First flight of the Convair F-106A Delta Dart flown by Richard Johnson at Edwards AFB for 20 minutes.

Dec. 26, 1982 First flight of the Antonov An-124 passenger, cargo, etc.

Dec. 27, 1928 Capt. Wilkins and Carl Eielson in a Lockheed Vega made the first flight over the Antarctic continent.

Dec. 27, 1929 The Mk. XI Norden bombsight was the best one yet.

Dec. 27, 1968 Apollo 8 splashed down in the Pacific after its historic flight around the moon with Frank Borman, James Lovell and William Anders. A helicopter from USS YORKTOWN(CVS-10) picked them up.

Dec. 28, 1914 Clifford Webster flight-tested the Burgess Dunne Tailless from North Island. Starling Burgess was present. The Dunne company in England had first built the airplane. Burgess built the one flown at San Diego.

Dec. 28, 1928 Air Corps Lt. Moon flew a Douglas C-1C from Rockwell Field to Imperial Valley. It was Refueling Plane No. 2 for the Fokker C-2A *QUESTION MARK* on a 150-hour endurance flight.

Dec. 28, 1938 First flight of the Blackburn B-26 Botha bomber.

Dec. 28, 1938 First flight of the de Havilland D.H.95 Flamingo twin-engined, 12-17 passenger airliner.

Dec. 28, 1945 The President transferred the Coast Guard from the Navy back to the Treasury Department.

Dec. 29, 1918 1st Lt. James S. Krull flew a Curtiss JN-4D from Mather Field in Sacramento to Rockwell Field on North Island. He had learned to fly at the Army school on North Island as a corporal in 1915, then became a flying instructor. In 1917 he left the Army and became a civilian instructor there with a higher salary. During the war he got an Army commission as a pilot. Krull was a friend of the old Aero-Space Museum and often visited us before the fire.

Dec. 29, 1939 First flight of the Consolidated XB-24 piloted by William Wheatley from Lindbergh Field. The RAF allocated the name Liberator about January 1941 on their 15 B-24's that had been designated LB-30A's.

Dec. 29, 1950 First flight of the Convair Turboliner by Bob Loomis from Lindbergh Field.

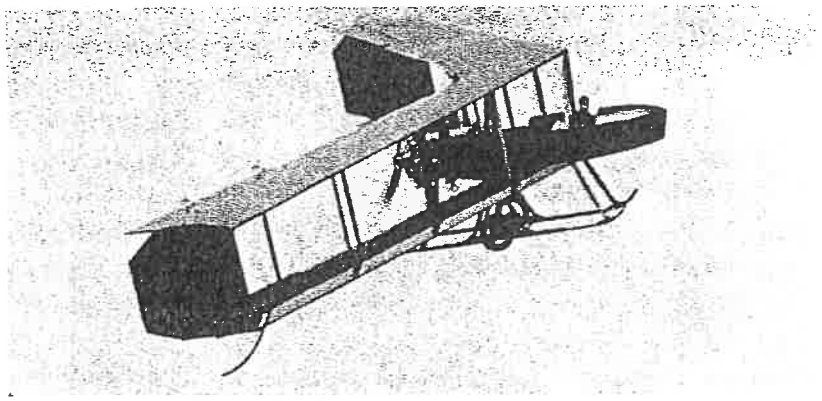
Dec.29, 1966 First flight of the Beech Model 60 Duke with four/six seats.

Dec. 30, 1914 The Signal Corps accepted the first Burgess-Dunne armored and tailless biplane, S.C. No.36.

Dec. 30, 1920 to Jan.15, 1921 The Curtiss NC-5, NC-6, and 12 Curtiss F-5L's, commanded by Captain H.C. Mustin, took off from San Diego bay and flew to the Canal Zone with nine stops on the way. Both NC-boats and one F-5L were lost. Eleven F-5L's returned in March. One man was hit and killed by an F-5L propeller during the trip, the only personnel casualty.

Dec. 30, 1937 Arnold Peik gave instructions for one hour in his Kinner, NC13799, from Peik Field.

Dec. 1912 The aviation death rate at San Diego began in 1912. One Curtiss student pilot died after his crash on North Island. Five local Curtiss students died in crashes at other places in 1912.



?ogeiD naS revo 63 .oN ennuD ssegruB

OUT OF THE PAST THIS WEEK
December 17 to 23, 2003

Dec.17, 1903 The first successful flight of 120 feet in 12 seconds by a powered flying machine was flown by Orville Wright at Kill Devil Hills, Kitty Hawk, North Carolina.

Dec.17, 1915 First woman to loop an airplane was Ruth Law over Seabreeze, Florida.

Dec.17, 1917 A successful takeoff was made from a rotatable platform fitted to the forecastle of the cruiser HMAS SIDNEY.

Dec. 17, 1918 Lt. James Doolittle flew a Curtiss JN-4H on a reconnaissance hop from Rockwell Field to Needles.

Dec.17, 1935 First flight of the Douglas DST Sleeper Transport with 16 berths from Clover Field, Santa Monica, California.

Dec.17, 1935 Ed Morrow flew a Great Lakes 2-T, NC11318, from Lindbergh Field to Kearny Mesa on fire patrol for 30 minutes.

Dec.17, 1937 First flight of the Consolidated XPB2Y-1 piloted by William Wheatley from San Diego bay.

Dec.17, 1937 The Navy accepted the last twin-float torpedo plane, the Hall XPTBH-2.

Dec.17, 1947 First flight of the Boeing XB-47 Stratojet.

Dec.17, 1956 First flight of the Grumman WF-2 Tracer at Peconic River, Long Island, New York.

Dec.17, 1957 The first successful Convair Atlas flight was made from Cape Canaveral over a distance of 600 miles.

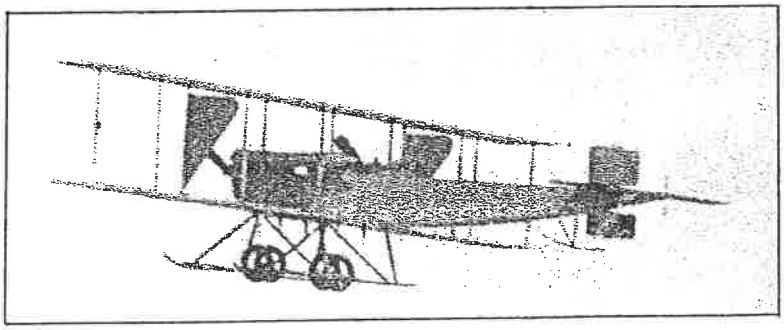
Dec.17, 1964 CDR. T.G. Ellyson, NA 1, was enshrined in the National Aviation Hall of Fame at Dayton, Ohio, the first naval officer to be so honored.

Dec.18, 1940 First flight of the Curtiss XSB2C-1 Helldiver and Army A-25A.

Dec.18, 1958 The U.S. launched the 8,750 pound Score satellite which transmitted voice communication.

Dec.18, 1965 After 14 days in flight Gemini 7 landed in the western Atlantic about 250 miles north of Grand Turk Island. Helicopters delivered LCOL. F. Borman and CDR. J.A. Lovell to USS WASP with a new duration record in manned space flight.

Dec.19, 1934 The first Ryan S-T, NC14223, crashed on the mudflats near the Marine Base, San Diego killing student pilot Sanford Baldwin.



? ogeiD naS revo H ledoM ssegruB 2191

Dec.19, 1950 Facing Communist Chinese troops in Korea the President proclaimed a national emergency.

Dec.19, 1954 First flight of the Convair YF-102 Delta Dagger with an area-rule fuselage.

Dec.19, 1972 The Apollo 17 crew of Cernan, Evans and Schmidt were recovered after splashdown by helicopters from USS TICONDEROGA. It was the last Apollo mission.

Dec. 20, 1911 Wind tore the fabric on the Toliver dirigible at 31st and B Street releasing the hydrogen safely to the atmosphere over San Diego. Charles Toliver was never able to make it fly.

Dec. 20, 1941 Ten Curtiss P-40B's flown by American Volunteer Group pilots in China had their first combat with Japanese planes. They met ten Mitsubishi bombers at 22,000 feet over Kunming and shot down nine of them. Chinese newspapers began calling them the Flying Tigers, a national symbol of authority, courage, military prowess and the fierceness needed for protection. Former Air Corps officer Claire Chennault was their leader.

Dec. 20 1944 The W.A.S.P.'s were disbanded. The 1,074 Women's Airforce Service Pilot's had delivered 12,650 airplanes of 77 different types during the war while losing 38 pilots during the war and 11 in training. Since they were ineligible for burial with military honors they received a second class funeral without the American flag.

Dec. 21, 1914 The Curtiss J, S.C 29, crash-landed in the ocean near Encinitas. CAPT. H.L. Muller was rescued. LT. F.J. Gerstner drowned.

Dec. 21, 1939 The Navy ordered 200 more PBY's from Consolidated.

Dec. 21, 1926 Flying five Loening AO-1A amphibians Air Corps pilots led by Maj. H. Dargue started a Pan American flight.

Dec. 21, 1934 First flight of the Stearman NS-1 biplane trainer at NAS Anacostia.

Dec. 21-27, 1968 Apollo-Saturn 8 with Astronauts Borman, Lovell and Anders made the first lunar orbit and televised views of the lunar surface to earth.

Dec. 21, 1970 First flight of the Grumman F-14 Tomcat by Robert Smyth and William Miller at Calverton, Long Island, New York.

Dec. 21, 1976 First flight of the Ryson Cloudster by Ray Cote at Ramona, Cal.

Dec. 21, 1988 A Pan Am Boeing 747 exploded and crashed near Lockerbie, Scotland killing 270 including 11 people on the ground.

Dec. 22, 1954 A Convair R3Y-2 simultaneously refueled four Grumman F9F-8's off San Diego.

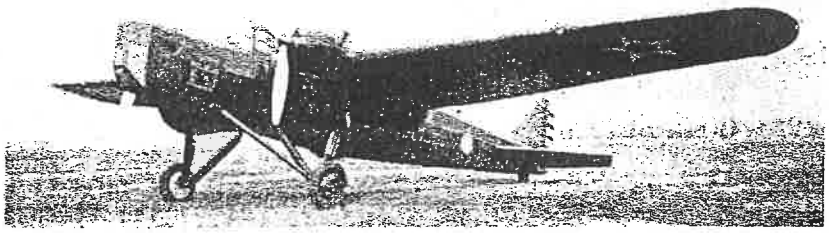
Dec. 23, 1914 Army Lts. Dodd & Fitzgerald flew the Burgess H, No.28, from North Island on a three-hour reconnaissance of La Mesa and Lower Otay.

Dec. 23, 1937 First flight of the Grumman XF4F-1 Wildcat

Dec. 23, 1939 Anthony Fokker died in New York City at age 49, was cremated then sent to the Netherlands.

OUT OF THE PAST THIS WEEK
December 10 to 16, 2003

Dec.10, 1917	U.S. began processing some Lafayette Escadrille members into the Army Air Service in France.
Dec. 10, 1924	A Curtiss H-16, A3544, from North Island on machine gun practice, stalled in a tight turn then crashed in the water off Coronado a half mile south of NAS, San Diego. Pilot LT(jg), G. Varini, NA 62, died instantly. Co-pilot LT(jg) K.H. Roby and J. Wiaczk, RM 1/C, died. LT. A.P. Thurston and F.O. Trull, ACMM, drowned. Two seriously injured men survived.
Dec.10, 1927	Charles A. Lindbergh was awarded the Medal of Honor.
Dec.10, 1929	Flying his Bowlus Model A glider Hawley Bowlus set an American gliding record of two hours 47 minutes off Point Loma.
Dec.10, 1938	First flight of the Lockheed Hudson I.
Dec.10, 1941	Aircraft from USS ENTERPRISE(CV-6) sank the Japanese submarine I-70 north of the Hawaiian Islands, the first Japanese combatant ship sunk by US aircraft during WW2.
Dec.10, 1955	The Ryan VTO F-109, redesignated X-13, completed its first conventional flight without a vertical takeoff.
Dec.10, 1957	First flight of the Aermacchi M.B. 326 trainer.
Dec.11, 1931	Tailspin Tommy practiced aerial refueling before his transpacific flight from California in a Bellanca Pacemaker.
Dec.11, 1941	Germany and Italy declared war on the US then vice versa.
Dec.12, 1918	A Navy C-1 blimp piloted by Lt. George Crompton lifted a Curtiss JN-4 to 2500-feet over Fort Tilden, New York and released it. Lt. A.W. Redfield flew the biplane back to the base, the first successful release of an airplane from a non-rigid airship.
Dec.12, 1920	First flight of the Bleriot-SPAD S.33.
Dec.12, 1923	First flight of the Blackburn B-25 Roc.
Dec.12, 1933	The VF-1B fighter took off North Island for a gunnery exercise. After the engine failed three miles off Point Loma the plane plunged into the ocean. The pilot was killed.
Dec.12, 1935	Army Lt. H.F. McCaffery and a crew of five made an amphibious distance record of 1,033 miles from San Juan, Puerto Rico to Chapman Field, Miami, Florida in a twin-engine Douglas OA-5, an observation amphibian that started out as a bomber.
Dec.12, 1941	The Naval Air Transport Service(NATS) was established.



72-OY REKKOF

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER

OUT OF THE PAST THIS WEEK
December 10 to 16, 2003

Dec.10, 1917 U.S. began processing some Lafayette Escadrille members into the Army Air Service in France.

Dec. 10, 1924 A Curtiss H-16, A3544, from North Island on machine gun practice, stalled in a tight turn then crashed in the water off Coronado a half mile south of NAS, San Diego. Pilot LT(jg), G. Varini, NA 62, died instantly. Co-pilot LT(jg) K.H. Roby and J. Wiaczk, RM 1/C, died. LT. A.P. Thurston and F.O. Trull, ACMM, drowned. Two seriously injured men survived.

Dec.10, 1927 Charles A. Lindbergh was awarded the Medal of Honor.

Dec.10, 1929 Flying his Bowlus Model A glider Hawley Bowlus set an American gliding record of two hours 47 minutes off Point Loma.

Dec.10, 1938 First flight of the Lockheed Hudson I.

Dec.10, 1941 Aircraft from USS ENTERPRISE(CV-6) sank the Japanese submarine I-70 north of the Hawaiian Islands, the first Japanese combatant ship sunk by US aircraft during WW2.

Dec.10, 1955 The Ryan VTO F-109, redesignated X-13, completed its first conventional flight without a vertical takeoff.

Dec.10, 1957 First flight of the Aermacchi M.B. 326 trainer.

Dec.11, 1931 Tailspin Tommy practiced aerial refueling before his transpacific flight from California in a Bellanca Pacemaker.

Dec.11, 1941 Germany and Italy declared war on the US then vice versa.

Dec.12, 1918 A Navy C-1 blimp piloted by Lt. George Crompton lifted a Curtiss JN-4 to 2500-feet over Fort Tilden, New York and released it. Lt. A.W. Redfield flew the biplane back to the base, the first successful release of an airplane from a non-rigid airship.

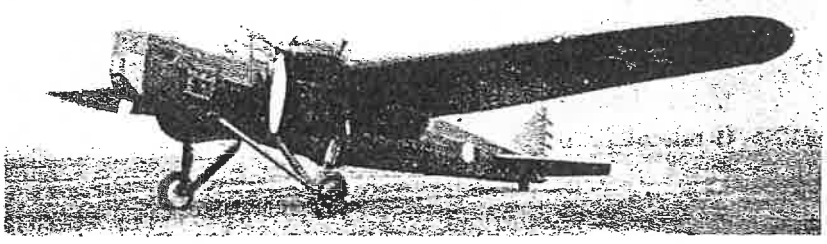
Dec.12, 1920 First flight of the Bleriot-SPAD S.33.

Dec.12, 1923 First flight of the Blackburn B-25 Roc.

Dec.12, 1933 The VF-1B fighter took off North Island for a gunnery exercise. After the engine failed three miles off Point Loma the plane plunged into the ocean. The pilot was killed.

Dec.12, 1935 Army Lt. H.F. McCaffery and a crew of five made an amphibious distance record of 1,033 miles from San Juan, Puerto Rico to Chapman Field, Miami, Florida in a twin-engine Douglas OA-5, an observation amphibian that started out as a bomber.

Dec.12, 1941 The Naval Air Transport Service(NATS) was established.



72-OY REKKOF

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER

OUT OF THE PAST THIS WEEK
December 3 to 9, 2003

Dec. 3, 1918 The Curtiss JN-4H spun in from 2000 feet over North Island and crashed. Army pilots R.H. Teernstra and W. Goodwin died instantly. Teernstra was buried at Fort Rosecrans Cemetery.

Dec. 3, 1923 A Vought VE-7 hit a Curtiss JN-4 about a thousand feet over the Rockwell Field bridge from Coronado. Both planes crashed killing W.B. Jackson, ACMM, T.E. Entwhistle, ACMM, and LT. F.E. Byers, NA2947. Both planes were from VF-2. Jackson and Entwhistle were buried at San Diego.

Dec. 3, 1929 Hawley Bowlus set a U.S. glider record off Point Loma of one hour, 26 minutes in a glider he built.

Dec. 4, 1920 Aviation pioneer James Means died at his home in Boston, Massachusetts. His writing inspired the Wright brothers.

Dec. 4-18, 1965 Col. Frank Borman and CDR. James Lovell in Gemini 7 splashed down in the Atlantic after a three-orbit rendezvous with Gemini 6A. A helicopter from USS WASP(CVS-18) rescued them.

Dec. 4, 1974 A Dutch-chartered Douglas DC-8 crashed in a storm near Colombo, Sri Lanka killing 191 people.

Dec. 5, 1915 Lt. Cunningham, Royal Navy, snapped his fingers against the taut envelope of a non-rigid during an inspection. The resulting sound was 'blimp.' Cunningham's subsequent remarks produced the spoken word that became a famous name or did they? Earlier in the war a class of British airship was designated "B, limp." There had also been an "A, limp."

Dec. 6, 1916 N.124 Escadrille de Volontaires' name changed to Escadrille Lafayette.

Dec. 7, 1922 On a cross-country flight from Rockwell Field, North Island to Tucson, Arizona in a DH-4, LT. C.L. Webber and COL. F.C. Marshall failed to clear the south side of Cuyamaca Mountain. The plane crashed among the trees then burned. The wreckage wasn't found until five months later. They had been killed in the crash. The Liberty engine is still there in a concrete monument with a plaque.

Dec. 7, 1941 Japanese carrier aircraft and submarines attacked Pearl Harbor and the Air Corps' Hickam and Wheeler Fields. Japanese bullets killed San Diego civilian aviator Robert Tyce on his airfield. A Hawaiian Douglas DC-3 coming in to land was hit by a Japanese tracer bullet and set on fire. A minute later another bullet hit the valve of a fire extinguisher thus putting out the fire.

Dec. 7, 1941 Aircraft spotters around San Diego and Imperial Counties went to work reporting contacts to the Filter Center in the Spreckels Building. Lynn Briggs went to work in the Filter Center that day. Briggs was a former lady museum volunteer who worked at the docent desk some years ago. She was also a pilot and once flew in the Powder Puff Derby.

Dec. 7, 1941 Dec. 7, 1941A.H. LeBoffe flew his Rearwin Sportster, NC18074, for 30 minutes from Grande Vista Field located just south of Chula Vista. Bill Luffe flew his Piper Cub Cruiser from Madson Field, between National City and Chula Vista, to Lindbergh Field. Luffe was a museum volunteer before he died.

Dec. 7, 1942 First flight of the Bell XP-63 King Cobra fighter.

Dec. 7, 1955 First flight of the Ryan X-13 Vertijet was flown by Peter Girard at Edwards AFB. I think that is the one in the museum.

Dec. 7-19, 1972 On the **last** Apollo-Saturn 17 mission of 301 hours 51 minutes Cernan and Schmitt returned with 243 pounds of moon samples while Evans flew the spacecraft.

Dec. 8, 1903 The Langley Aerodrome failed to fly after it fouled the launcher on the houseboat then dropped into the Potomac River near Quantico. Charles Manly, the pilot, got wet again.

Dec. 8, 1941 Lockheed P-38's from the 95th Pursuit Squadron at Selfridge Field arrived at North Island flying over Point Loma during the noon hour. Edward Leiser watched them from Point Loma High School.

Dec. 8, 1941 At San Diego private airplane owners had to remove propellers and rudders. There was no private flying allowed in San Diego until the war was almost over.

Dec. 8, 1945 First flight of the Bell Model 47 helicopter

Dec. 8, 1946 First rocket-powered manned flight of the Bell XS-1 at about 550 mph flown by test pilot Chalmers Goodlin at Muroc Dry Lake, California.

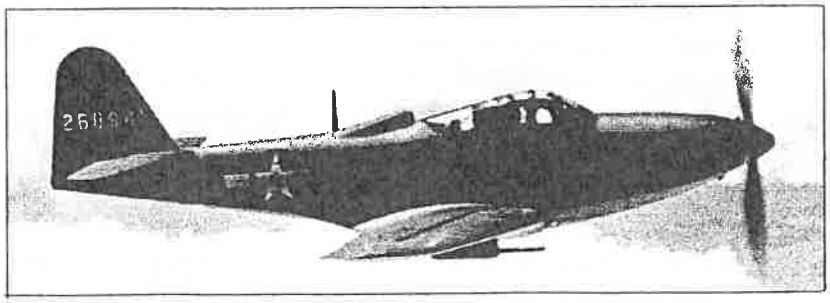
Dec. 9, 1909 The first American monoplane to fly was the Walden III at Mineola, Long Island, New York, designed by Dr. H.W. Walden with a 22 hp three-cylinder Anzani engine.

Dec. 9, 1922 The San Diego Society of Natural History opened a museum in the Casa de Balboa, later called the Electric Building. The San Diego Aero-Space Museum burned up there in February 1978.

Dec. 9, 1926 Mutt & Jeff went stunting with their monoplane in The San Diego Union that day.

Dec. 9, 1946 First flight of the Bell X-1.

Dec. 9, 1995 Douglas "Wrong Way" Corrigan died at Orange, California.



arbocgniK 36-P lleB

OUT OF THE PAST THIS WEEK
November 26 to December 2, 2003

Nov. 26, 1934 First flight of the Grumman XSF-1 by B.A. Gillies.

Nov. 26, 1941 USS KITTY HAWK(APV-1) was commissioned, the first of two aircraft ferries.

Nov. 26, 1951 First flight of the Gloster Javelin.

Nov. 27, 1913 First loop in public in the U.S. was made by Lincoln Beachey, age 26, in an Eaton-built Curtiss pusher biplane over the Coronado Polo Grounds. He also flew upside down that day plus two more loops.

Nov. 27, 1918 Army pilots flew 212 airplanes over San Diego in the Dawn of Peace flight led by Major Smith in a Curtiss JN-4, the most airplanes in the air in one place in the history of aviation. Local photographers reworked the original photos to put more planes in one photo than in actuality. Copies of the reworked photo found their way into Ready Rooms even in Europe.

Nov. 27, 1918 The Curtiss NC-1 took off from Rockaway Beach, New York carrying 51 persons, a new world record.

Nov. 27, 1943 The first Martin Mars flying boat was delivered to VR-8 at NAS, Patuxent River.

Nov. 27, 1946 First flight of the North American XFJ-1 Fury.

Nov. 27, 1949 First flight of the Douglas YC-124 Globemaster II.

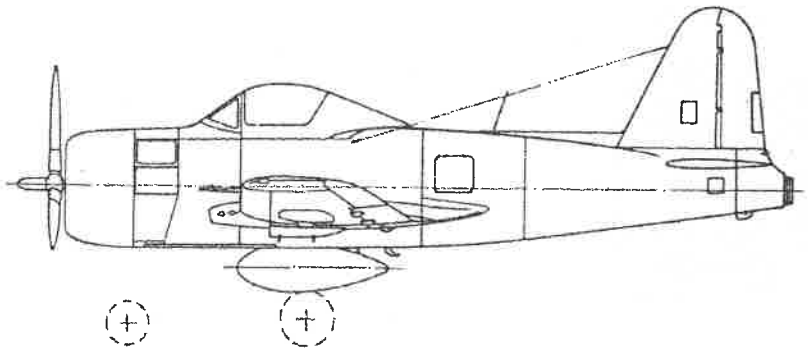
Nov. 28, 1915 Flying a Nieuport, Charles Nungesser shot down a two-seater, his first victory.

Nov. 28, 1924 USS LANGLEY(CV-1) arrived at San Diego, her homeport until February 1931.

Nov. 28-29, 1929 First flight over the South Pole was by a Ford 4-AT tri-motor named *FLOYD BENNETT* with CDR. R.E. Byrd, age 41, pilot Bernt Balchen, age 40, and two others.

Nov. 28, 1979 A New Zealand DC-10 crashed into a mountain in Antarctica killing 257 people.

Nov. 29, 1910 Glenn H. Curtiss, age 32, offered the Navy free flight instruction at North Island for one naval officer. Lt. T.G. Ellyson, age 24, became the student.



llaberiF 1-RF nayR

Nov. 29, 1919 The San Diego Airplane Company opened a flying service with a Curtiss JN-4D and a hangar on Tide Street(Barnett Avenue in 1923) beside the Marine Brigade Post.

Nov. 29, 1921 James R. Hennessey tried to take off in a Curtiss JN from his airfield at the foot of B Street in San Diego but the engine failed. The plane went into the bay and sank after the pilot got out safely.

Nov. 29, 1924 USS LANGLEY(CV-1) tied up at North Island for the first time. The ship's insigne was a "Covered Wagon."

Nov. 29, 1974 First flight of the Boeing Vertol YUH-61A helicopter.

Nov. 30, 1907 Glenn Curtiss formed the first aeroplane company in the U.S.

Nov. 30, 1912 First flight of the Curtiss C-1, the Navy's first flying boat, by Lt. T.G. Ellyson.

Nov. 30, 1926 T.C. Ryan, age 28, sold his half of Ryan Airlines on Dutch Flats to his partner, Franklin Mahoney.

Nov. 30, 1947 A government team of doctors suggested calling the aliens killed in the UFO crash in July 1947 EBE's, Extra-terrestrial Biological Entities. That suggests they saw the bodies.

Dec. 1917 Before Lt. Frank Luke completed primary flight training at Rockwell Field on North Island he became engaged to a girl in San Diego High School. In France Luke became the high scoring American ace before a German infantryman's bullet killed him.

Dec. 1937 First flight of the Brewster XF2A-1. The RAF gave them the name Buffalo in 1940.

Dec. 1962 The Naval Aviation Museum was established at NAS Pensacola in a temporary building. A new building was begun on November 22, 1972.

Dec.1, 1783 First manned hydrogen balloon ascent by Charles in his Charliere.

Dec.1, 1921 The first practical test of helium was in the Goodyear C-7 blimp piloted by LCDR. R.F. Wood at Norfolk, Virginia.

Dec. 2, 1925 Two Marine VE-7's collided in mid-air over San Diego bay. Capt. H.H. Shepherd, NA 2999, and LT. J.D. Christian both died.

Dec. 2, 1928 After an automobile-launch from Bonita Heights E.I Shoudy died in the crash of his new homebuilt glider. It was the first glider fatality in San Diego.

Dec. 2, 1943 Ryan got a contract to build 100 FR-1 Fireball fighters with a propeller on the nose and a jet engine in the tail, plus tricycle landing gear. One burned up in the old museum arson fire in 1978.

DEFINITIONS

DIRIGIBLE

adj. capable of being steered (1581)

n. airship (1885) an LTA aircraft having propulsion and a steering system

A Goodyear blimp and your automobile are both dirigible.

OUT OF THE PAST THIS WEEK
November 19 to 25, 2003

Nov.19, 1932 A national monument to Orville and Wilbur Wright was dedicated at Kitty Hawk, North Carolina.

Nov.19, 1969 The Apollo 12 lunar module landed on the moon with Conrad and Bean.

Nov.19, 1977 A TAP Boeing 727 crashed on Madeira killing 130 people.

Nov. 20, 1783 The first manned hot air balloon ascent was made by de Rozier and d'Arlandes for 16 kilometers with a Montgolfier from the Bois de Boulogne in Paris.

Nov. 20, 1920 A dirigible passenger airline using the Goodyear Pony blimp established a half hour service between Los Angeles and Catalina.

Nov. 20, 1953 The Douglas D-558-2 Skyrocket flew at twice the speed of sound, the first piloted aircraft to do so.

Nov. 21, 1783 First men to free flight a hydrogen-filled balloon, a Charlier with Jacques Charles and one of the Robert brothers, from the gardens of the Tuileries, Paris. They flew 27 miles.

Nov. 21, 1914 Three Avro 504's bombed Zeppelin sheds at Friedrichshafen and destroyed one airship, a large shed and the hydrogen producing plant. One Avro was shot down.

Nov. 21, 1916 First flight of the Breguet 14 recco and bomber.

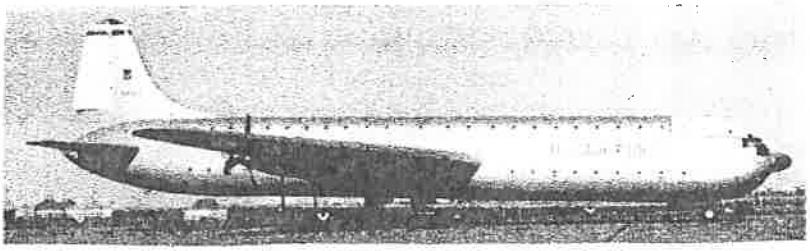
Nov. 21, 1919 The Navy decided to install catapults on the forward and after ends of the LANGLEY flying-off deck.

Nov. 21, 1923 On a torpedo-spotting mission from North Island in a Curtiss F-5L some 25 miles off Point Loma a crewman in the bow lifted a smoke bomb to throw it overboard. A gust of wind knocked him down and the bomb splintered the starboard propeller, fell in the bilges and began burning. The pilot, LT. E.B. Brix, NA 2621, landed the seaplane in flames. The destroyer KENNEDY(DD-306) rescued the five flyers in 20 minutes. The seaplane sank.

Nov. 22, 1917 Flying a Tellier seaplane with a two-man crew Ens. K.R. Smith made the first armed patrol by a Navy aviator in European waters from NAS Le Croisic, France hunting for German submarines.

Nov. 22, 1921 Flying a Curtiss Navy racer Bert Acosta made a speed of 197.8 mph at Curtiss Field, Long Island. Acosta grew up in San Diego.

Nov. 22, 1927 San Diegans voted in favor of the sale of $650,000 of municipal bonds to build Lindbergh Field in 1928.



(63425-34) 99-CX RIAVNOC

Nov. 22, 1929 Flying a Lockheed Vega Amelia Earhart set a speed record for women of 184.1 mph.

Nov. 22, 1953 Airpower Day at NAS Miramar was the largest air show ever seen in the western United States. The Blue Angels flew F9F-5's and the Thunderbirds flew F-84F's. Three Boeing B-47 and four Convair B-36 bombers flew formation over the crowd estimated at 250,000 people. There were 500 men and 250 airplanes in the show including a 1918 Curtiss Jenny.

Nov. 22, 1961 A McDonnell F4H-1 Phantom set a world speed record at Edwards AFB with an average speed of 1606.3 mph flown by LCDR. R.B. Robinson.

Nov. 22, 1972 A groundbreaking ceremony was held for the new Naval Aviation Museum building at NAS Pensacola. The museum began in December 1962 in a temporary building.

Nov. 23, 1942 The Chance Vought V-173 "pancake" made its first flight at Stratford, Connecticut. The military version, XF5U-1, was built then never flown. It was also called the Vought-Sikorsky VS-173.

Nov. 23, 1947 First flight of the Convair XC-99 by Russell R. Rogers from Lindbergh Field, San Diego. It could carry 400 equipped troops, 300 stretchers, or 101,000 pounds of freight.

Nov. 23, 1959 First flight of the Boeing Model 720 airliner.

Nov. 24, 1914 After Lincoln Beachey performed his 1,025th loop at San Diego on Thanksgiving Day he gave the money to local charity.

Nov. 24, 1930 Two VF-5 Boeing F4B-1's on gunnery training collided in mid-air a quarter mile off Point Loma and fell in the sea. Both pilots parachuted. One of them died en route to the hospital.

Nov. 24, 1969 The Apollo 12 astronauts Richard Gordon, Charles Conrad, Jr., and Alan Bean were recovered by USS HORNET after Gordon and Bean were on the moon for 31-1/2 hours

Nov. 25, 1920 Flying a Verville-Packard Capt. Corliss won the first Pulitzer Trophy race at Mitchel Field, New York. The airport was named after a former New York mayor, not General Billy Mitchell.

Nov. 25, 1924 The dirigible ZR-3 was christened USS LOS ANGELES at NAS, Anacostia by Mrs. Calvin Coolidge. Capt. G.W. Steele was CO. Germany built the airship as a reparation.

Nov. 25, 1940 First flight of the Martin B-26 Marauder.

Nov. 25, 1940 First flight of the de Havilland D.H.98 Mosquito twin-engined bomber. The Sea Mosquito had folding wings.

Nov. 25, 1961 USS ENTERPRISE(CVAN-65) was commissioned at Newport News, Virginia, Capt. Vincent P. DePoix commanding.

Nov. 25, 1964 First flight of the Convair Charger by John Knebel from Lindbergh Field, San Diego.

EPITAPH from Western Flying magazine about 65 years ago.

Oh, weep salt tears for Ernie Slider
He thought that he could loop a glider.

OUT OF THE PAST THIS WEEK
November 12 to 18, 2003

Nov.12, 1912 The Navy's first successful launching of an aeroplane by a catapult on land was the Curtiss A-3 piloted by Lt. T.G. Ellyson at the Washington Navy Yard.

Nov.12, 1932 First flight of the de Havilland D.H.84 Dragon twin-engined, six passenger biplane.

Nov. 12, 1996 A Saudi Arabian Boeing 747 and a Kazakh Ilyushin-74 cargo plane collided in mid-air near New Delhi, India killing 349 people, the **world's worst** mid-air collision.

Nov.13, 1907 The first true free flight of a man-carrying, twin-rotor helicopter was made by Paul Cornu for 20 seconds a foot off the ground near Lisieux, France.

Nov.13, 1912 The first aviation fatality at San Diego was Elwyn Williams, a student at the Curtiss School of Aviation on North Island. After crashing his Curtiss pusher biplane on the island he died in the hospital.

Nov. 13, 1930 The Navy Vought Corsair from North Island crashed in a fog six miles northeast of Fallbrook killing the two crewmen.

Nov.14, 1910 The first aeroplane to take off from a ship was a 50-hp Curtiss pusher flown by Eugene B. Ely off the light cruiser USS BIRMINGHAM near Hampton Roads, Virginia. The ship was not moving. The airplane propeller touched the water but Ely recovered.

Nov.14, 1922 Flying a Dutch-built Fokker T-2 Army Lts. Kelly and Macready completed a non-stop flight from Rockwell Field, San Diego to Indianapolis. The Air Service also bought an almost identical Fokker A-2, an ambulance plane.

Nov.14-24, 1969 Apollo Saturn 12 made the second moon landing with Astronauts Conrad and Bean picking up 74.7 pounds of samples while Gordon flew the spacecraft.

Nov.15, 1915 Observer Lt. A.W. Brown was shot down in a B.E.2c and made a POW. On June 14-15, 1919 he flew the Atlantic with John Alcock in a Vickers Vimy.

Nov.15, 1921 The semi-rigid dirigible *Roma* made its first American flight at Langley Field, Hampton, Virginia.

arutneV 1-VP deehkcoL

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER

Nov.15, 1935 The Navy began the development of the Grumman XF4F-1 **biplane** and the Brewster XF2A-1 **monoplane**. On July 10, 1936 the XF4F-1 was changed to the monoplane XF4F-2.

Nov.15, 1944 First flight of the Boeing XC-97.

Nov.15, 1966 USS WASP(CVS-18) made the last recovery of the Gemini program picking up J.A. Lovell, Jr., and E.A. Aldrin 600 miles southeast of Cape Kennedy.

Nov.16, 1914 At Pensacola the flying school name was changed to Naval Aeronautic Station, Pensacola.

Nov.16, 1916 After German protests the name Escadrille Americaine was changed to Escadrille de Volontaires.

Nov.16, 1927 USS SARATOGA(CV-3) was commissioned at Camden, N.J.

Nov.16, 1942 The first Navy night fighter squadron, VMF(N)-531 was commissioned at MCAS, Cherry Point flying Lockheed PV-1 Ventura's with British Mark IV radar.

Nov.16, 1960 First flight of the Canadair CL-44 cargo plane.

Nov.16, 1973 Skylab IV was launched from Kennedy Space Center.

Nov.17, 1943 First flight of the General Motors XP-75

Nov.17, 1944 The Navy Bureau of Aeronautics began studies on the feasibility of copying the V-1 Buzz Bomb then built the Loon. A Loon was destroyed in the San Diego Aero-Space Museum fire of February 22, 1978.

Nov.18, 1917 U.S. aerial coastal patrols in European waters began with Tellier seaplanes from LeCroisic, France. Commissioned on November 27 it was the first of eight such bases established in France commanded by Lt. W.M. Corry.

Nov.18, 1934 The Navy issued a contract to Northrop Corporation for the XBT-2 two-seat scout and divebomber. The prototype led to the Douglas SBD DAUNTLESS in 1938.

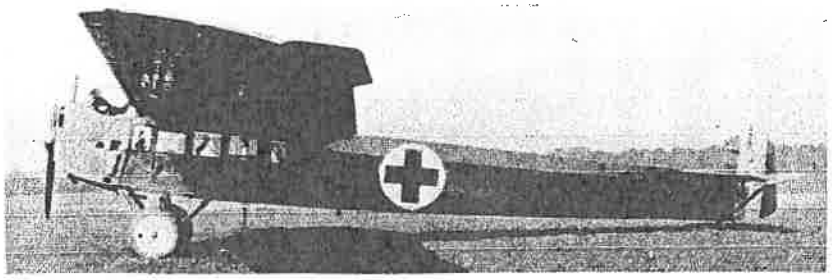
Nov.18, 1940 The Navy authorized use of the abbreviation RADAR.

Nov.18-26, 1943 Occupation of the Gilbert Islands including Tarawa and Makin Atolls was supported by 11 aircraft carriers.

Nov.18, 1947 The Convair Model 118 roadable airplane ran out of gas and crash-landed in the slough south of National City. It never flew again. Convair lost interest in flying automobiles.

Nov.18, 1950 First flight of the Convair B-36F.

Nov.18, 1955 First flight of the Bell X-2.



dleiF kooCcM ta 2-A rekkoF

OUT OF THE PAST THIS WEEK
November 5 to 11, 2003

Nov. 5, 1911 Calbraith Rodgers in a Wright EX pusher completed the first coast-to-coast flight from New York to Pasadena, California in 49 days. He did not win the $25,000 prize for doing it in 30 days or less.

Nov. 5, 1914 Glenn Martin took off North Island in his new Martin T with Lt. Lewis Goodier in the front seat to perform a slow speed test. He flew south down the two-mile course and returned at 40 mph warming up the Hall-Scott engine. In the middle of a sharp left turn at about 200 feet altitude the plane stalled. Martin gunned the engine as the plane entered a spin then struck the ground on its left wings and nose. Goodier's legs were broken by the engine. His head hit the aluminum cowl opening up an old skull fracture and almost severing his nose. The upper wing fell on Martin. Rescuers got the men out.

Nov. 5, 1931 LCDR Oscar Erickson overshot the flight deck on USS SARATOGA(CV-3) and crashed in the ocean about 10 miles off Point Loma. He drowned. Crewmen from USS AARON WARD(DD-132) recovered his body and brought it to San Diego. His widow lived in Coronado.

Nov. 5, 1936 The Polikarpov I-16 monoplane fighter entered combat in Spain.

Nov. 6, 1915 Flying the Curtiss AB-2 flying boat LCDR. H.C. Mustin made the first catapult launch from a ship off the stern of USS NORTH CAROLINA in Pensacola bay. (See Nov.12, 1911.)

Nov. 6, 1935 First flight of the Hawker Hurricane.

Nov. 7, 1996 A Nigerian Boeing 727 crashed in a lagoon 40 miles southeast of Lagos, Nigeria killing 143 people.

Nov. 8, 1917 After taking off from Rockwell Field on North Island at 9:00 a.m. flying instructor H.H. White and Cadet Horace Heisen were injured in the crash of their Curtiss JN-4 near Fort Rosecrans. Heisen had stalled the plane by using too much rudder. They nose-dived from 400 feet onto the shoreline of the bay. White got a broken nose and loss of a thumb.

Nov. 8, 1928 After the biplane took off Midway Airport on Dutch Flats it began stunting over the ocean until pilot O'Keefe fell out when the plane was upside down near Imperial Beach. His body was found in the ocean on November 13. Passenger Dorland died in the crash near the yacht club at Coronado.

Nov. 8, 1950 Flying a Lockheed F-80C Lt. R.C. Brown, Jr. shot down a MiG-15 over the Yalu River, the first jet fighter victory.

Nov. 9, 1925 A 50-gallon gasoline tank fell from a plane onto the sidewalk a few feet from the maternity hospital at Third and Fir Streets in San Diego. No one was hurt. Firemen washed the fluid away. The pilot and plane were never identified.

Nov. 9, 1948 In Operation Vittles MATS Navy Transport Squadrons 6 and 8 began flying cargo into Berlin during the Berlin Airlift.

Nov. 9, 1950 Flying a Grumman F9F Panther from VF-111 LCDR. W.T. Amen shot down a MiG-15 over the Yalu River, the first Navy pilot to shoot down a jet aircraft.

Nov.10, 1911 The Toliver dirigible *SAN DIEGO* failed to lift off on its first attempt at 31st and B Streets. It never did fly.

Nov.10, 1918 Major Kirby, 94th Aero Squadron shot down a Fokker D.VII, the last credited AEF air victory of the war.

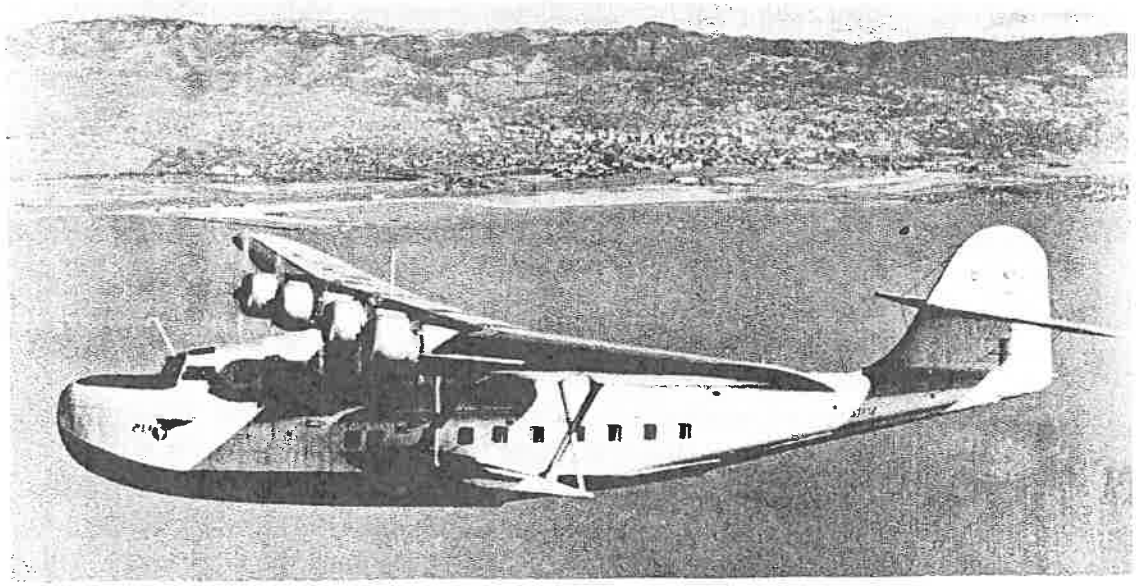
Nov.10, 1935 A Martin M-130 Clipper flew low over Balboa Park past the Ford Building and landed in the bay.

Nov.11, 1911 The new Toliver dirigible filled with poor hydrogen failed to rise from the canyon at 31st and B Street, San Diego.

Nov.11, 1924 Lt. Dixie Kiefer piloted a Vought biplane in a successful night catapult launch from USS CALIFORNIA(BB-44) at anchor in San Diego harbor.

Nov.11, 1926 During an altitude test near Ensenada, Mexico Lt. Joseph Gowan's engine quit. He made a forced landing in his Boeing fighter. Mexican military authorities took the VF-2 pilot prisoner. Rear Adm. McKean, 11th Naval District commandant, telegraphed Governor Rodrigues, who ordered the Ensenada authorities to release Gowan and his airplane.

Nov.11, 1935 Capt. A.W. Stevens and Capt. O.A. Anderson set a balloon altitude record of 72,394 feet traveling from Rapid City to White Lake, South Dakota in Explorer II. The gondola was on exhibit in the South Concourse of the Ford Building in 1936 during the Exposition.



sreppilC 031-M nitraM eht fo enO

OUT OF THE PAST THIS WEEK
October 29 to November 4, 2003

Oct. 29, 1919	First aerial wedding over San Diego when Lt. Harold McNulty married Marion Peters in a Curtiss F-5L.
Oct. 29, 1939	The airship USS LOS ANGELES(ZR-3) was stricken from the Navy inventory at NAS Lakehurst, New Jersey then dismantled in seven weeks.
Oct. 29, 1941	VP-82 in Norfolk received Lockheed PBO-1 Hudsons. Flying boats were on their way out.
Oct. 29, 1951	The 66th V-2 fired from White Sands, New Mexico ended the V-2 program of upper atmosphere research in the U.S.
Oct. 30, 1946	LT(jg) Furtek made the first live test of an ejection seat from a Douglas JD-1 at about 250-knots 6000-feet over NAS Lakehurst, New Jersey.
Oct. 31, 1911	John J. Montgomery died after the crash of his glider at Evergreen, California. He was buried at Holy Cross Cemetery in Colma, California. He and his wife were in an unmarked grave until several years ago when museum volunteers got permission and paid $450 to add their names to the family grave marker.
Oct. 31, 1921	During a training flight from NAS, San Diego two Vought VE-7SF's collided and crashed on the bayshore near the Marine Brigade Post. LT. W.E. Blackwell, NA 1428, was killed. LT. D.W. Tomlinson, NA 2923, was badly injured.
Oct. 31, 1943	First flight of the Budd Conestoga RB-1 & C-93 cargo plane.
Oct. 31, 1956	Seven Navy men landed their Douglas R4D Skytrain at the South Pole then set up navigational aids for the future delivery of supplies. They left after 49 minutes. It was the first visit to the pole since January 1912 when Royal Navy Capt. Robert F. Scott had reached it.
Oct. 31, 1996	A Brazilian TAM Fokker-100 crashed into houses in Sao Paulo, Brazil killing 89 people including two on the ground.
Nov. 1918	Otay Mesa became East Field named for Maj. W.J. East. He had learned to fly at North Island in 1916-17. He was killed in an auto accident in New York on October 2, 1918.
Nov.1, 1911	Italian Lt. Gavotti dropped grenades on Italian forces, the first dropping of "bombs" from an aeroplane in war.
Nov.1, 1918	Rene Fonck shot down a Halberstadt CL.II for his 75th and last victory.
Nov.1, 1920	First flight of 42 Sperry Messengers designed by Alfred Verville, smallest airplane in the Army Air Service. Eight of them were completed as radio-controlled flying bombs designated M.A.T., for Messenger Aerial Torpedo. Some were used for in-flight launching from and return to Army non-rigid airships using hook-on gear.

Nov.1, 1947 The U.S. Naval Parachute Unit moved from NAS Lakehurst to NAS El Centro to test the development and testing of parachutes, parachute recovery systems and ejection seat capsules.

Nov.1, 1968 All bombing of North Vietnam was halted at 9 p.m. Saigon time.

Nov. 2, 1918 Rickenbacker shot down his 26th and last victory, a balloon.

Nov. 2, 1936 LCDR. Melville S. Brown, XO of USS LEXINGTON, died in the crash of a Grumman biplane near Descanso. NAAS Brown Field was named for him on July 11, 1943. The old museum leadership tried to change the name of the field to Glenn H. Curtiss Field but Brown's relatives in San Diego objected and the City Council agreed. Brown's pilot logbook is in the library.

Nov. 2, 1947 The first flight was the last flight of the Hughes H-4 Hercules as Howard Hughes flew very low across Los Angeles harbor.

Nov. 2, 1954 James F. "Skeets" Coleman flew the Convair XFY-1 Pogo at NAAS Brown Field from vertical takeoff to level flight and back to hover and vertical landing. Two days later he did it for the newspapers.

Nov. 3, 1933 After two Navy single-seaters took off from North Island they collided in mid-air over Otay Mesa. One crashed killing the pilot. The other pilot flew back to the base.

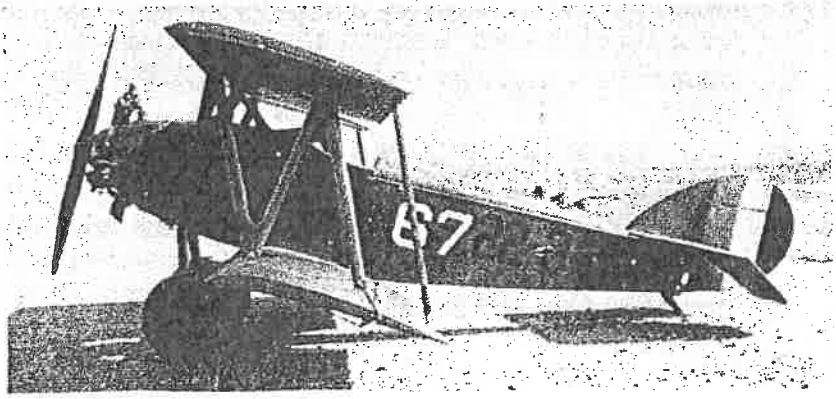
Nov. 3, 1944 The Japanese began launching about 1000 bomb-carrying balloons across the Pacific Ocean against the United States. Each one had a payload of one 33-pound anti-personnel bomb and two incendiary weapons. Six persons are known to have been killed in 285 recorded incidents.

Nov. 4, 1912 The first detachment of Army aviators arrived on North Island.

Nov. 4, 1916 A Curtiss pusher biplane flown by Joe Boquel performing an airshow over Balboa Park suddenly fell to the ground near the Cabrillo Bridge killing the pilot.

Nov. 4, 1966 The last operational flight by a Navy seaplane after more than 50 years was made by a Martin SP-5B Marlin of VP-40 at NAS North Island.

Nov. 4, 1954 During a press demonstration the Convair Seadart exploded in midair over San Diego bay killing test pilot Charles Richbourg.



regnesseM yrrepS

OUT OF THE PAST THIS WEEK
October 22 to 28, 2003

Oct. 22, 1797 Andre Garnerin made the first parachute jump from a balloon hanging under a 30-foot diameter, flat and impervious piece of canvas 3,000 feet over Paris. Better than nothing at all.

Oct. 22, 1911 The first time an aeroplane was used in wartime was a Bleriot flown by Capitano Piazza from Tripoli to Azizia to observe the Turkish positions.

Oct. 22, 1917 The first flight of the 12-cylinder Liberty engine was made in a Curtiss HS-1 flying boat. It was a success then adopted as a standard service type engine.

Oct. 22, 1938 The highest altitude reached by a piston-engine airplane was 56,046-feet in a Caproni 161.

Oct. 22, 1942 Westinghouse company was authorized to construct two turbojet powerplants, the first jet engines of American design.

Oct. 22, 1955 First flight of the Republic YF-105A Thunderchief.

Oct. 22, 1956 First flight of the Bell YH-40 Huey helicopter.

Oct. 22, 1967 Helicopters from USS ESSEX(CVS-9) recovered Apollo astronauts Schirra, Eisele, and Cunningham from the Atlantic 285 miles south of Bermuda after eleven days in space.

Oct. 22, 1969 The Hawker-Siddeley Harrier vertical-takeoff and landing aircraft was procured for the Marine Corps and designated AV-8A.

Oct. 22, 1978 SDAM Volunteer Frank Allen flew a Schweitzer SGS 2-33, N77635, with Polly Beale from Borderland Airport near San Diego.

Oct. 23, 1906 The Santos-Dumont 14-bis took off from the Bois de Boulogne in Paris on the first successful powered flight in Europe.

Oct. 23, 1924 After AP Williams, USN, flying a Blackburn Swift, A6056, took off from North Island the engine quit and he landed in the bay. The Navy had purchased two of the British airplanes for evaluation.

Oct. 23, 1934 Dr. Auguste Piccard and Mrs. Jean Piccard ascended to 57,979-feet in a balloon after taking off from Dearborn, Michigan. They landed near Cadiz, Ohio.

Oct. 23, 1939 First flight of the Mitsubishi G4M Betty bomber

Oct. 23, 1961 First flight of the Beech Model 23 Musketeer business plane.

Oct. 24, 1917 The first American-built DH-4 was test-flown at Dayton, Ohio.

Oct. 24, 1953 First flight of the Convair YF-102 by Richard Johnson from Edwards AFB.

Oct. 24, 1962 The President had imposed a quarantine of Cuba on October 22. All the ships were in position, aircraft were patrolling their assigned sectors, and the tours of all officers and enlisted men were extended indefinitely.

Oct. 25, 1923 Army Lts. Smith and Richter in a DH-4B completed a flight from the Canadian Border to the Mexican border in 12 hours 13 minutes refueling three times in the air.

Oct. 25, 1944 Five Japanese kamikaze pilots flying Zeros made the first successful suicide attacks off Leyte, sank USS ST. LO(CVE-63) and damaged SANGAMON(AO-28), SUWANNEE(AO-33), SANTEE(AO-29), WHITE PLAINS(CVE-66), KALININ BAY(CVE-68), and KITKUN BAY(CVE-71).

Oct. 26, 1914 In Flanders British Infantry shot down an RFC two-seater. The soldiers had mistaken the Union Jack painted on the plane for the German Iron Cross. The British then adopted the French cockade, but blue-white-red.

Oct. 26, 1922 The first landing aboard USS LANGLEY(CV-1), underway off Cape Henry, was made by LCDR. G. Chevalier flying an Aeromarine 39.

Oct. 26, 1927 First flight of the Prudden TM-1 tri-motor by Ray Clark from Rockwell Field on North Island, San Diego.

Oct. 26, 1940 First flight of the Grumman XF4F-6 Wildcat piloted by B.A. Gillies.

Oct. 26, 1940 First flight of the North American XP-51 Mustang

Oct. 26-27, 1942 USS HORNET(CV-8) sank after an air attack during the Battle of Santa Cruz.

Oct. 27, 1918 Major William Barker shot down four German fighters then was shot down. He survived the war with 53 victories and the Victoria Cross. Historians disagree about his victories.

Oct. 27, 1931 The prototype Curtiss XF9C-1 Sparrowhawk hooked on to the LOS ANGELES(ZR-3) for the first time.

Oct. 27, 1972 First flight of the Beech Model 200 Super King Air.

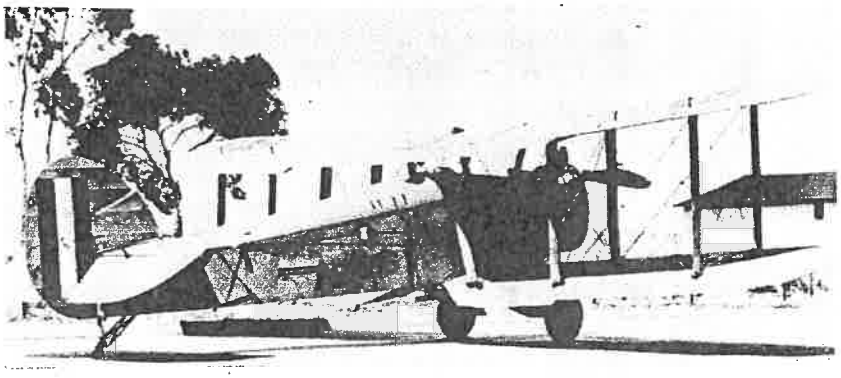
Oct. 28, 1916 Leutnant Oswald Boelcke died after a mid-air collision with a squadron mate. His victories totaled 40.

Oct. 28, 1933 Consolidated got a Navy contract for the XP3Y-1 flying boat. It became the PBY patrol bomber. The RAF adapted the name Catalina after they bought some.

Oct. 28, 1949 First flight of the Martin XB-51.

Oct. 28, 1952 First flight of the Douglas XA3D-1 Skywarrior.

Oct. 28, 1953 SDAM volunteer Miles Blaine flew the Luscombe 8E, N2307K, for one hour on a "pleasure" flight from Gibbs Field. Gibbs is now Montgomery Field. Blaine volunteers in the library.



tfiwS nrubkcalB

OUT OF THE PAST THIS WEEK
October 8 to14, 2003

Oct. 8, 1914 Army Capt. Muller set an official one-man altitude record of 16,798 feet over San Diego in the 90 hp Curtiss J, No.30.

Oct. 9, 1940 First flight of the Ryan ST-3 with a Kinner engine by C.J. Rust from Lindbergh Field, San Diego.

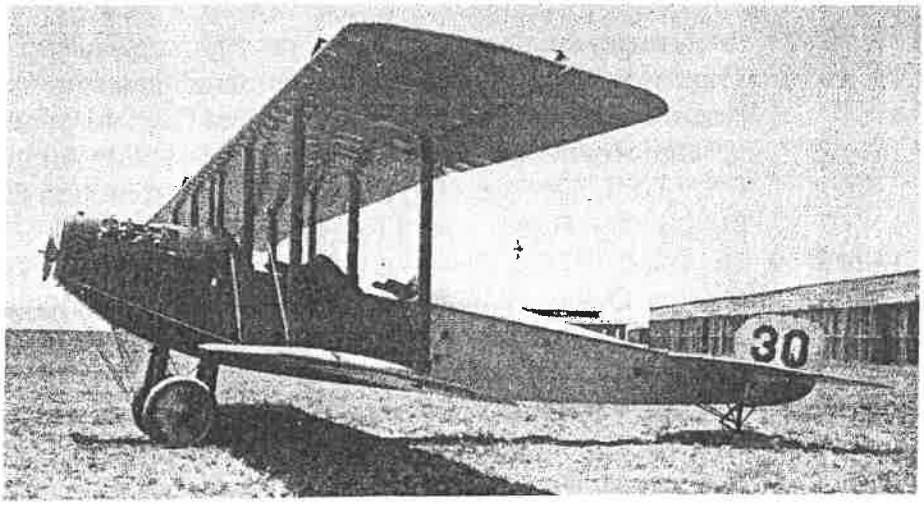
Oct. 9, 1890 Clement Ader made a 165 foot hop in EOLE, An uncontrollable bat-like steam driven monoplane eight inches off the ground.

Oct.10, 1924 USS SHENANDOAH(ZR-1) arrived and moored to a tower at NAS, San Diego after a flight from NAS Lakehurst, New Jersey via Fort Worth, Texas en route to Camp Lewis, Tacoma, Washington.

Oct.10 to Nov. 30, 1944 Occupation of Leyte with 17 aircraft carriers, battle for Leyte Gulf, and battle of Samar. Kamikaze pilots damaged six aircraft carriers.

Oct.10, 1958 First flight of the Andreason BA-7 by A. Andreason at Gillespie Field, El Cajon, California.

Oct.10, 1967 RADM A.C. Read NA 24, died in Miami, Florida. He had commanded NC-4 on its 1919 flight across the Atlantic.



Oct.11, 1915 Army LT. Walter R. Taliaferro started his first loop over San Diego bay in Curtiss J, S.C. 30, but upside down the biplane then simply dove into the bay. He died of a broken neck. His widow buried him in Mt. Hope Cemetery at 3751 Market Street.

Oct.11, 1958 Launched from Cape Canaveral Pioneer I was the first successful space probe.

Oct.11-22, 1968 In the first manned Apollo flight Walter Schirra, Don Eisele and Walter Cunningham splashed down near Bermuda after 11 days in space. A helicopter from USS ESSEX(CVS-9) picked them up.

Oct.12, 1918 The Zeppelins L.63 and L.65 made a reconnaissance flight over the North Sea, the last combat mission made by rigid airships.

Oct.11-22, 1968 In the first manned Apollo flight Walter Schirra, Don Eisele and Walter Cunningham splashed down near Bermuda after 11 days in space. A helicopter from USS ESSEX(CVS-9) picked them up.

Oct.12, 1918 The Zeppelins L.63 and L.65 made a reconnaissance flight over the North Sea, the last combat mission made by rigid airships.

Oct.12-14, 1924 The German-built airship LZ-126 arrived at Lakehurst for the U.S. Navy after a 5,060-mile flight from Friedrichshafen, Germany. It became the USS LOS ANGELES(ZR-3).

Oct.12, 1926 Roland Tyce, operator of the Chula Vista Airport at the foot of G Street, received FAI certificate 6656 signed by Orville Wright brevetting him an Aviator Pilot.

Oct.12, 1926 The San Diego chapter of the National Aeronautic Association met that evening at the Cabrillo Café and voted a unanimous "yes" on the proposed plans for a municipal airport.

Oct.12-13, 1964 In Voshkod 1 three cosmonauts made the first three-person orbital flight, and the first flight without space suits.

Oct.12, 1971 HC-5 at NAS Imperial Beach received the new SH-2D Seasprite helicopters.

Oct.13, 1941 The Navy painted all fleet aircraft non-specular light gray except for surfaces seen above which were blue gray.

Oct.13, 1972 An Aeroflot Ilyushin 62 crashed near Moscow killing 176 people.

Oct.14, 1918 The Army field at Oneonta(OLF Imperial Beach today) became Ream Field, named for the Army's first flight surgeon, Maj. William Ream, killed in an airplane accident on August 24 near Effingham, Illinois during a Liberty Bond promotion flight around the country. Ream was a Reserve Military Aviator.

Oct.14 to Nov. 29, 1922 Flying DH-4B's Navy Lieutenants Ben Wyatt and George Owen completed a round trip transcontinental flight of 7000 miles at North Island, San Diego.

Oct.14, 1929 First flight of the British R.101 dirigible

Oct.14, 1935 The Army reserve fliers of the 514th Observation Squadron on North Island moved its planes to Lindbergh Field and into Consolidated's hangar until WPA funds could be obtained pay for a new hangar. They flew Consolidated PT-3's.

Oct.14, 1941 VP-13 Lt. Pearson flew the Consolidated PB2Y-2, BUNO 1635, from San Diego to Honolulu.

Oct.14, 1943 The biggest loss to the 8th Air Force was when 229 B-17's and B-24's raided the ball-bearing factory at Schweinfurt. A total 60 planes were shot down or crashed on the way home. A total 599 airmen died and 40 were wounded. While the bomber crews claimed to have shot down 288 German fighters, the actual number was 27.

Oct.14, 1947 The first piloted airplane to fly faster than the speed of sound, 760 mph, was the Bell XS-1 flown by Capt. Charles Yeager over Muroc Dry Lake, California. Yeager was at the museum some years ago for a TV company. He refused to give autographs.

OUT OF THE PAST THIS WEEK
October 1 to 7, 2003

Oct.1, 1917 Capt. Dumaresq flew a Sopwith Camel from a platform mounted on the gun turret of the battle cruiser REPULSE while underway.

Oct.1, 1942 First flight of the Bell XP-59A Airacomet. Three were built.

Oct.1, 1946 Naval Air Missile Test Center, Point Mugu, California was established to conduct tests and evaluation of guided missiles and components.

Oct.1, 1947 The Los Angeles Airways inaugurated their first scheduled service with Sikorsky S-51 helicopters. One of them burned up in the old museum fire in February 1978.

Oct.1, 1958 NACA was replaced by NASA, the National Aeronautics and Space Administration.

Oct.1, 1972 The first two Grumman F-14 Tomcat squadrons, VF-1 and VF-2, formed at NAS Miramar, San Diego.

Oct. 2, 1932 A civilian Great Lakes biplane flew into a cliff on the coast three miles north of Oceanside then caught fire. One of the two men was killed.

Oct. 2, 1946 First flight of the Vought XF6U-1 Pirate

Oct. 2, 1956 At Bayonne, New Jersey, USS ENTERPRISE(CV-6) was decommissioned and scrapped. It had been commissioned on May 12, 1938.

Oct. 3, 1912 San Diego's second aviator, Charles Walsh, died in the crash of his pusher biplane during an airshow at Trenton, New Jersey. He was buried in Old Calvary Cemetery in Mission Hills, San Diego.

Oct. 3-5, 1931 Clyde Pangborn and Hugh Herndon, Jr., flew their Bellanca Pacemaker from Misawa, Japan on the first non-stop flight across the Pacific to Wenatchee, Washington in 41 hours 34 minutes. They won the $25,000 prize from the Japanese newspaper Asahi. They had completed a round-the-world flight begun on July 28.

Oct. 3, 1953 LCDR. James F. Verdin flying a Douglas F4D Skyray set a world speed record of 752.9 mph over a three kilometer course at Muroc Dry Lake, California.

temocariA A95-P IleB

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER

Oct. 3, 1962 CDR. Walter M. Schirra Jr. in Mercury-Atlas 8 *SIGMA 7* launched from Cape Canaveral on nearly six orbits in nine hours 13 minutes before landing in the Pacific five miles from his target.

Oct. 4, 1918 First flight of the Curtiss NC-1 flying boat at NAS Rockaway with pilots CDR. H.C. Richardson and Lt. D.H. McCulloch.

Oct. 4, 1957 The Soviet Union launched the first earth satellite, the 184 pound SPUTNIK I. It reentered the atmosphere burning up on January 4, 1958.

Oct. 5, 1914 In the first true air combat in history Pilot Sgt. Frantz and Cpl. Quenaul in a Voisin III, number V.89, shot down an Aviatik near Rheims. Both aircraft were armed with machine guns.

Oct. 5-6, 1922 Lts. Kelly and Macready in a Fokker T-2 set an unofficial duration flight record of 35 hours 18 minutes over the San Diego bay area.

Oct. 5, 1935 Rockwell Field, North Island became the Navy's South Field when the Army squadrons moved out. The reserve officers of the 514th Observation Squadron persuaded the Lindbergh Field management to move the squadron from North Island next to the field along Pacific Highway. They needed a hangar.

Oct. 5, 1936 The Navy's first Consolidated PBY-1 built in San Diego rolled down the ramp into the bay from Lindbergh Field.

Oct. 5, 1949 A Lockheed P2V-3 Neptune took off from the carrier USS MIDWAY at sea off Norfolk, Virginia and flew nonstop to the Panama Canal, then north to Corpus Christi, Texas, and on to San Diego, California, 4800 miles in 25 hours 40 minutes, an average 185 mph.

Oct. 5, 1956 Three Grumman F9F Cougar jets of VF-144 made a **round trip** transcontinental flight betrween NAS Miramar, San Diego, and Long Island, New York in 10 hours 49 minutes 11 seconds.

Oct. 5, 1991 An Indonesian military transport crashed on takeoff from Jakarta killing 137 people including those on the ground.

Oct. 6, 1920 The Fleet Air Force at Naval Air Station, San Diego, resumed responsibility for the "Cloud Line," flying two Curtiss F-5L's to San Pedro carrying passengers, mail and cargo. The battleships were at San Pedro.

Oct. 6, 1925 The Toonerville Folks cartoon in The San Diego Union featured a girl parachuting from an airplane.

Oct. 6, 1941 Western Airlines Capt. Ryan flew his Boeing 247D from Burbank to Lindbergh Field then circled the field for 45 minutes with a bad landing gear signal light. He landed safely.

Oct. 7, 1903 The Langley Aerodrome failed to fly after it fouled the launcher on the houseboat then dropped into the Potomac River near Quantico. Charles Manley, the pilot, got wet.

Oct. 7, 1913 During an air meet at Rochester, New York Lincoln Beachey's foot slipped from the rudder bar. He lost control and knocked a woman off the roof of a building to her death.

OUT OF THE PAST THIS WEEK
September 24 to 30, 2003

Sep. 24, 1852 The first powered flight in history was from the Paris Hippodrome to Trappe in a steam-balloon with a three-bladed propeller, built and flown by Henri Giffard wearing a top hat and frock coat.

Sep. 24, 1918 Lt(jg) David S. Ingalls shot down a two-seater Rumpler over Nieuport, France to become the Navy's first ace, his fifth victory in six weeks flying a Sopwith Camel. He flew with RAF 213 Squadron.

Sep. 24, 1929 Army Lt. James Doolittle completed an instrument takeoff, a flight of 15 miles, then an instrument landing in the enclosed cockpit of a Consolidated NY-2 licensed NX7918.

Sep. 24, 1942 Olga Yamschchikova of the Red Air Force became the first woman nightfighter pilot to score a kill, a Junkers JU-88 over Stalingrad. She was a member of an all-woman unit which flew 4,419 combat missions and shot down 38 enemy aircraft.

Sep. 25, 1918 Rickenbacker shot down his 8th and 9th victories and received the Congressional Medal of Honor.

Sep. 25, 1928 Two Army fighters collided in mid-air over San Diego killing LT. W.L. Cornelius. 2nd LT. R.V. Williams parachuted safely.

Sep. 25, 1936 William Wheatley flew a Fleet biplane off a railway car at Chula Vista in a successful experiment conducted by Reuben Fleet and Isaac Laddon testing the feasibility of launching heavy seaplanes from cars on railway tracks.

Sep. 25, 1939 Fourteen Consolidated PBY patrol bombers landed at Cavite, P.I. after completing the first Hawaii-to-Manila mass flight.

Sep. 25, 1941 Some Republic P-43 Lancers arrived at North Island and stayed for nine months.

Sep. 25, 1978 The mid-air collision between a PSA Boeing 727 and a Cessna 172 over San Diego killed 150 people including victims on the ground.

Sep. 25, 1973 Skylab III splashed down in the Pacific after 59 days in space.

Sep. 26, 1921 Air Service bombers sank USS ALABAMA with a 2,000-pound bomb in Chesapeake Bay.

Sep. 26, 1997 An Indonesian Airbus A-300 crashed near Medan, Indonesia airport killing 234 people.

Sep. 27, 1932 The VF-3B Boeing F4B-4 from North Island caught fire over East San Diego. The pilot bailed out safely. The fighter made meandering circles for 30 minutes then crashed into a chicken coop at 4789 70th Street without hurting a chicken.

Sep. 28, 1924 Two Douglas World Cruisers, *CHICAGO* and *NEW ORLEANS,* completed a round-the-world flight at Seattle, Washington. They had left Seattle on April 6. Two DWC's were lost en route, *SEATTLE and BOSTON*. There were no personnel losses.

Sep. 27, 1931 During a free air show at Ryan Airport on Barnett Avenue John Fornasero presented a one-man circus of aerial acrobatics, then

Bill Howe and Don Phillips put on a race around a closed course. Mary Wiggins stepped out of a Ryan Brougham at 3000 feet piloted by Fornasero, opened her chute at about 1400 feet then guided herself to a landing in the middle of the flying field. We don't enjoy this entertainment around San Diego anymore.

Sep. 28, 1934 First flight of the Grumman GG-1 flown by B.A. Gillies, a museum supporter before he died many years later.

Sep. 29, 1907 The Breguet brothers built the first helicopter to lift a man off the ground.

Sep. 29, 1918 The leading American ace, Lt. Frank Luke, shot down three balloons then was hit from the ground, landed and died.

Sep. 29, 1928 Brock and Schlee flying a Bellanca monoplane from Rockwell Field, San Diego completed a duration flight of 59 hours 10 minutes then were stopped by a fuel leak.

Sep. 29, 1946 The Lockheed P2V-1 *Truculent Turtle* flew from Perth, Australia to Columbus, Ohio in 55 hours 17 minutes without refueling, a record 11,235.6 miles.

Sep. 29, 1948 First flight of the Vought XF7U-1 Cutlass

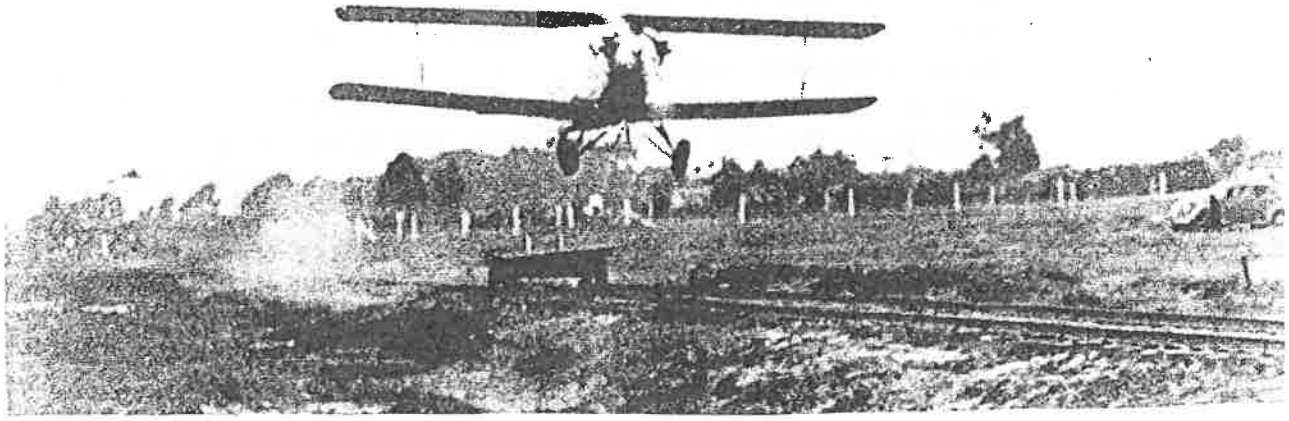
Sep. 30, 1917 John Alcock, pilot of a Handley-Page off to bomb Constantinople, was captured after motor troubles forced him to ditch. On June 14-15, 1919 he piloted the first aircraft to fly non-stop across the Atlantic. The NC-4 flight in May was not non-stop.

Sep. 30, 1929 The first flight of a rocket-powered airplane by Fritz von Opel went one and a quarter miles in 75 seconds, 60 mph, at Frankfort, Germany.

Sep. 30, 1937 USS YORKTOWN(CV-5) was commissioned at Norfolk, Virginia.

Sep. 30, 1943 An advance detachment of Bombing Squadron 107 flying Consolidated PB4Y Liberators arrived at Ascension Island to join the AAF units on antisubmarine barriers across the narrows of the South Atlantic.

Sep. 30, 1957 The USS SAIPAN(CVL-48), last of the light carriers, was decommissioned.



6391 ,52 rebmetpeS no atsiV aluhC ni enalpib teelF A

OUT OF THE PAST THIS WEEK
September 17 to 23, 2003

Sep.17, 1908 The first passenger fatality in a powered aeroplane was Lt. T.E. Selfridge in a Wright biplane piloted by Orville Wright at Fort Myer, Virginia.

Sep.17, 1916 Manfred von Richthofen shot down his first confirmed victory, an F.E.2b of No.11 Squadron.

Sep.17, 1920 Ford Island was designated Naval Air Station, Pearl Harbor.

Sep.17, 1959 First flight of the North American X-15A

Sep.18, 1928 Juan de la Cierva flew his autogiro from London to Paris.

Sep.18, 1930 Ruth Alexander died in the crash of her Barling NB-3 monoplane at Plumosa Park, San Diego, after taking off from Lindbergh Field at 3:28 a.m. into a heavy overcast on a one-stop flight to New York.

Sep.18, 1940 The 251st Coast Artillery Regiment, California National Guard, moved from the Ford Building in Balboa Park, to Ventura, California for active duty. They were in Honolulu on December 7, 1941.

Sep. 19, 1783 A rooster, duck, and a sheep went up to 1,700 feet in a Montgolfier hot air balloon and flew for eight minutes from Versaille, France. Those creatures were probably the first to fly with a balloon. The king had ordered no people the first time.

Sep.19, 1929 Ens. Helebrandt and AMM2/C Umbreit went night flying for 64 minutes in the Martin T4M-1, 7616, from North Island.

Sep.19, 1949 First flight of the Fairey Gannet

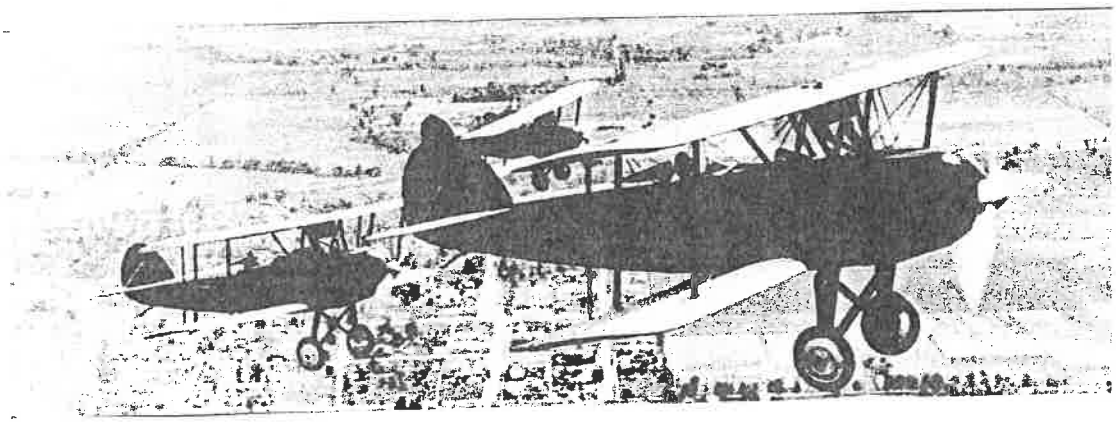
Sep.19, 1989 A French Douglas DC-10 exploded in the air over Niger killing 171 people.

Sep. 20, 1898 First flight of Santos-Dumont's No. 1 airship

Sep. 20, 1943 First flight of the Convair XPB4Y-2 by Philip Prophett from Lindbergh Field, San Diego. Prophett was a museum member before he died.

Sep. 20, 1951 First flight of the Grumman XF9F-6 Cougar

Sep. 21, 1913 Adolphe Pegoud in a Bleriot monoplane made the first upside-down sustained flight at Buc, France.



s'01 ocaW eerhT

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER

Sep. 21, 1926 Rene Fonck and his three-man crew crashed in their Sikorsky tri-motor during takeoff from Roosevelt Field, Long Island for a non-stop flight to Paris seeking the $25,000 Orteig Prize. Fonck and one other man survived.

Sep. 21, 1927 Charles Lindbergh landed the Spirit of St. Louis at Dutch Flats then attended a "welcome back" celebration in Balboa Stadium before 60,000 people. Will Rogers was also present.

Sep. 21, 1937 Flying a Seversky Jacqueline Cochran set a women's speed record of 292.2 mph at Detroit, Michigan.

Sep. 21, 1940 Frank Burgess got his first flying lesson from F.S. Trager in Piper J-3, NC24754, from Speer Airport on Barnett Avenue. Burgess is a museum volunteer.

Sep. 21, 1942 First flight of the Boeing XB-29 Superfortress

Sep. 21, 1956 A Grumman F11F-1 Tiger flown by Grumman test pilot Tom Attridge, shot itself down off eastern Long Island by running into 20 mm. projectiles it had fired only seconds before.

Sep. 21, 1964 First flight of the North American XB-70A Valkyrie

Sep. 22, 1924 The Army Round the World flyers landed their Douglas World Cruisers at Rockwell Field on North Island completing the trip unofficially. They flew on to Seattle.

Sep. 22, 1949 The Convair T-29 completed its first test flight from Lindbergh Field piloted by R.C. Loomis and copilot Sam Shannon.

Sep. 23, 1915 Manfred von Richthofen scored his first victory(not confirmed). Before he was killed in combat on April 21, 1918 he had 80 confirmed victories.

Sep. 23, 1916 Kiffin Rockwell of N.124 died in air combat with an Albatros two-seater. Rockwell had shot down the first victory for N.124 on May 18, 1916. N.124 was the Escadrille Lafayette.

Sep. 23, 1917 Werner Voss, was shot down and killed in his Fokker Triplane in a battle with six SE5's. He was 20 years old with 49 victories.

Sep. 23, 1922 The Army C-2 completed the first transcontinental flight by an airship at Ross Field, Arcadia, California after a flight from Langley Field, Virginia.

Sep. 23, 1929 Peaches Wallace completed her first solo in a Waco 10 from Ryan Field in Dutch Flats on Barnett Avenue.

Sep. 23, 1931 First flight of the AKRON(ZRS-4) from Akron, Ohio with 113 persons aboard. It was commissioned on October 27 at NAS, Lakehurst, N.J. LCDR. C.E Rosendahl was CO.

Sep. 23, 1931 The Pitcairn XOP-1 flown by Lt. Pride landed aboard the USS LANGLEY(CV-1) then took off while the carrier was underway near San Diego.

Sep. 23, 1940 Ed Oberbauer took off from Lindbergh Field in the Ryan XPT-20 and completed takeoffs and landings for 30 minutes. He was a museum volunteer before he died.

OUT OF THE PAST THIS WEEK
September 10 to 16, 2003

Sep.10, 1945	USS MIDWAY(CVB-41) was commissioned at Newport News, Virginia, first of the 45,000-ton class aircraft carriers.
Sep.10, 1976	A British Airways Trident collided with a Yugoslav DC-9 near Zagreb, Yugoslavia killing 176 people.
Sep.11, 1917	After 54 victories Charles Guynemer disappeared into a cloud during an air battle and was never seen again. He was France's most famous ace.
Sep.11, 1938	Wrong Way Corrigan, back from Ireland, flew his Curtiss Robin to San Diego and visited with friends.
Sep.11, 2001	Terrorists took over four airliners. Two Boeing 767's flew into the World Trade Center twin towers in New York City which collapsed. One Boeing 757 crashed into the Pentagon and one Boeing 757 crashed on the ground after passengers foiled the attempt to hit the White House. A total 265 people including 19 hijackers were killed on the airliners. About 2,600 people died on the ground in the World Trade Center towers, and 125 in the Pentagon.
Sep.12, 1945	First flight of the Northrop XP-79B
Sep.12, 1955	The Navy announced that all fighters in production would be fitted with inflight refueling equipment.
Sep.12, 1959	Russia launched the 854.2-pound Lunik 2, the first manmade object to impact the moon. Nobody has moved it.
Sep.13, 1931	The Supermarine S6B seaplane flown by Flt. Lt. G.H. Stainforth, AFC, reached 387.7 mph at the Isle of Wight, an absolute speed record.
Sep.13, 1935	Howard Hughes flew the Hughes Special to a land plane speed record of 352.3 mph at Santa Ana, California.
Sep. 14, 1922	First flight of the L.W.F. Owl Army bomber
Sep. 14, 1938	A remote-controlled Curtiss N2C-2 drone flying from Otay Mesa simulated a dive bombing attack on USS UTAH off the coast of San Diego. The drone was controlled from a Great Lakes TG-2.
Sep.14, 1939	First flight of the Sikorsky VS-200 helicopter
Sep.15, 1784	The Italian Vincent Lunardi was first to free-fly a balloon over England. His hydrogen Charliere rose over North London with his cat and dog, a pigeon in a cage and a bottle of wine for two hours 15 minutes.
Sep.15, 1922	On a training flight from NAS, San Diego the Vought VE-7 of VF-1 lost power over La Jolla. The plane struck power lines during the forced landing and crashed. ENS. J H. Shafer, NA 1627, died of a fractured skull en route to the hospital.
Sep.15, 1926	Ryan M-1 monoplanes opened the air mail service between Seattle and Los Angeles.

Sep.15, 1936 USS LANGLEY(CV-1) was assigned to Com. Aircraft, Base Force as a seaplane tender. She left the shipyard as the AV-3 in early 1937 with the forward part of the flight deck removed.

Sep.15, 1942 USS WASP(CV-7) was sunk by a submarine in the battle for Guadalcanal.

Sep.15, 1950 Aircraft from USS BOXER(CV-21) and HMS TRIUMPH supported landings at Inchon by the First Marine Division.

Sep.15, 1951 A Navy and USAF Joint Parachute Test Facility was established at NAAS El Centro, California under the management of the Bureau of Aeronautics.

Sep.15, 1956 The Bell X-2 reached 2,148 mph piloted by Capt. M. Apt.

Sep.15, 1966 After a three-day mission Gemini 11 landed at sea 700 miles off Cape Kennedy then a helicopter took Conrad and Gordon to USS GUAM(LPH-9).

Sep.16, 1910 Bessica Medlar Raiche made the first flight by a woman in the US at Mineola, Long Island ??

Sep.16, 1927 A Chinese couple in Chicago named Hop named their newborn son One Long Hop in honor of Charles Lindbergh(New York Times).

Sep.16, 1927 Martin Jensen took off from Camp Kearny in a Ryan Brougham with a cage behind the pilot carrying the MGM lion on a PR flight to New York. They crashed in an Arizona canyon. Both survived.

Sep.16, 1935 At San Diego two men who wanted to parachute hired a pilot and plane. One of the men jumped OK. The second man never opened his parachute and landed near Plumosa Park.

Sep.16, 1935 The VB-2 airplane from North Island crashed at Border Field near San Ysidro killing Lt. C.K. Palmer during a dive-bombing test.

Two radio-controlled, modified 2-C2N ssitruC drones at Otay Mesa.

ALMOST EVERYTHING WE SAY IS TRUE - EDITOR EDWARD LEISER

OUT OF THE PAST THIS WEEK
September 3 to 9, 2003

Sep. 3, 1925 USS SHENANDOAH(ZR-1) crashed at Byesville, Noble County, Ohio during a storm causing 14 fatalities including Lt.Cdr. Zachary Lansdowne, the commanding officer. There were 29 survivors.

Sep. 3, 1930 The VT-2 Great Lakes TG-1 from North Island became unmanageable over Otay Mesa and crashed. The observer parachuted safely. They buried pilot, W. Ypharraguerre, AP 1/C, at Fort Rosecrans Cemetery.

Sep. 3, 1932 Flying the Gee Bee Super Sportster Jimmy Doolittle set the landplane speed record of 294.38 mph.

Sep. 3, 1944 A Navy Consolidated Liberator, radio-controlled from a Lockheed PV to hit submarine pens on Helgoland Island, was lost in rain and hit an airfield on nearby Dune Island instead.

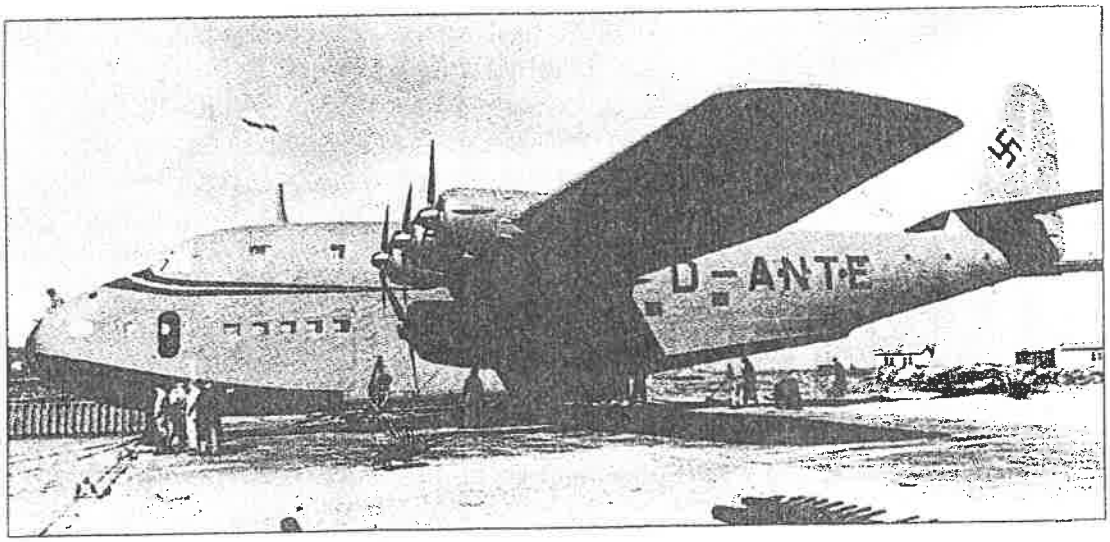
Sep. 4, 1922 Army Lt. Jimmy Doolittle flying a DH-4B made the first coast-to-coast crossing of the USA in one day from Pablo Beach, Florida to Rockwell Field on North Island.

Sep. 4, 1923 The first flight of USS SHENANDOAH(ZR-1) at NAS Lakehurst, New Jersey was the first use of helium in rigid airships. Capt. F.R. McCrary was the commanding officer.

Sep. 4, 1931 Jimmy Doolittle flew the Laird *SUPER SOLUTION* from Burbank, California to Newark, New Jersey setting a transcontinental speed record of 11 hours 16 minutes.

Sep. 4, 1954 A Lockheed P2V of VP-19 on routine reconnaissance over international waters was attacked by two MiG's and forced to ditch off the Siberian coast. Nine crewmen escaped. One went down with the plane.

Sep. 5, 1921 Eddie Stinson, flying a Junkers-Larsen JL-6, won the Larsen Efficiency Trophy Contest at Omaha, Nebraska.



gnikiV 222 VB ssoV dnu mholB

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER

Sep. 6, 1922 Army Lt. Jimmy Doolittle flying a DH-4 made the first transcontinental flight in less than 24 hours in 21 hours 20 minutes with a 75-minute stop at Kelly Field, Texas.

Sep. 6, 1916 McCudden of No.29 Squadron in his D.H.2 shot down his first victory, an Aviatik two-seater.

Sep. 28, 1924 Two of the Douglas World Cruisers completed their flight around the world at Seattle, Washington. Although two others had been lost on the way a fifth one had met them after they crossed the Atlantic. No aviators were lost.

Sep. 6, 1944 Of two V-2 missiles fired at Paris that day only one arrived.

Sep. 6, 1947 A V-2 rocket was fired from the flight deck of USS MIDWAY, the first firing of a large bombardment rocket from a ship at sea. Will the MIDWAY ever get to San Diego?

Sep. 7, 1909 Eugene Lefebvre died in the crash of a Wright biplane, the first pilot of a powered aeroplane to be killed.

Sep. 7, 1911 Lt. T.G. Ellyson flying a Curtiss pusher made a successful takeoff from an inclined wire at Hammondsport, New York as an experiment to make a shipboard launching device.

Sep. 7, 1917 The Navy adopted a badge to be worn by all naval aviators on the left breast, essentially the same "wings" worn today. A forest green winter service uniform was authorized for aviation officers.

Sep. 7-8, 1933 Six Consolidated P2Y-1 flying boats of VP-5F flew nonstop from Norfolk, Virginia to Coco Solo, C.Z., 2,059 miles in 25 hours 19 minutes. LCDR. H.E. Halland was CO.

Sep. 7, 1940 First flight of the Blohm und Voss Bv 222 Viking six engine flying boat

Sep. 7, 1942 First flight of the Convair XB-32 by Russell Rogers from Lindbergh Field at San Diego. A B-32 wing stands on a hill in Otay in memory of John J. Montgomery's gliding feat in 1883..

Sep. 7, 1965 First flight of the Bell 209 Huey Cobra

Sep. 8, 1920 The transcontinental air mail service started between New York and San Francisco. The pilots flew DH-4's.

Sep. 8, 1944 The first of 1,300 V-2 missile attacks began against London.

Sep. 8, 1994 A USAir Boeing 737-300 crashed in Aliquippa, Pennsylvania near Pittsburgh International Airport killing 132 people.

Sep. 9, 1916 The first aeroplane to fly into Escondido was on Saturday, Grape Day. Army Lt. Herbert A Darque and civilian flight instructor Albert D. Smith landed about a mile from the festivities and walked in. The biplane was likely an Army Martin TT.

Sep. 9, 1930 An amphibian from North Island crashed into the foremast of the destroyer USS ELLIOTT(DD-146). The pilot died.

Sep. 9, 1934 The American Rocket Society's rocket No. 4 went supersonic reaching 700 mph at Staten Island, New York the first supersonic rocket.

Sep. 9, 1937 First flight of the Sikorsky XPBS-1 four engine flying boat

OUT OF THE PAST THIS WEEK
August 27 to September 2, 2003

Aug. 27, 1783 First flight of the unmanned Charliere hydrogen balloon from the Champ-de-Mars, Paris.

Aug. 27, 1913 The first aviator to perform a loop was Russian Lt. Petr Nesterov in a Nieuport IV monoplane at Kiev, Russia.

Aug. 27, 1924 First flight of the German-built dirigible which became the USS LOS ANGELES(ZR-3).

Aug. 27, 1939 First turbo-jet flight in history was a Heinkel He 178 by Erich Warsitz from Marienhe airfield.

Aug. 28, 1883 On Tuesday John J. Montgomery flew his homebuilt glider for 600 feet down Wheeler Hill on Otay Mesa near San Diego, California. A tall B-32 wing monument marks the site.

Aug. 28, 1909 Louis Bleriot in a Bleriot monoplane set a world absolute air speed record of 47.8 mph.

Aug. 28, 1952 In the first of six attacks on North Korean targets an explosive-laden F6F-5K drone controlled by two AD's from USS BOXER (CV-21) was launched against a railroad bridge at Hungnam.

Aug. 29, 1945 The first Allied planes to land in Tokyo Bay since 1941 were Consolidated PB2Y-5F Coronados with Admiral Nimitz and staff. The planes had been modified for the admiral at Rohr in Chula Vista.

Aug. 29, 1956 GEMINI 5 splashed down in the Atlantic 90 miles off target after eight days in space. Navy frogmen got Cooper and Conrad out of their spacecraft into a helicopter for a flight to USS LAKE CHAMPLAIN.

Aug. 30, 1917 First victory for a Fokker Triplane as Werner Voss shot down an RFC biplane.

Aug. 30, 1939 Flying a Lockheed XJO-3(Model 12A) with tricycle landing gear LCDR. T.B. Clark made 11 landings aboard and takeoff from LEXINGTON off Coronado Roads. Wait for the Ryan Fireball!!

Aug. 30 1952 First flight of the Avro Vulcan

Aug. 31, 1915 Adolph Pegoud, the second airman to loop the loop and a pioneer in French aviation, was killed in aerial combat over the Western Front.

Aug. 31, 1925 CDR. John Rodgers, Lt. B.J. Connell and a crew of three in a PN-9 tried to fly from San Francisco to Honolulu. They were forced down out of fuel. Lost at sea for 10 days the men rigged a sail from wing fabric, sailed about 450 miles, then were sighted by the submarine R-4 and rescued just 10 miles from Kaui.

Aug. 31, 1941 During July and August Army Capt. Homer Boushery flew a rocket-powered Ercoupe on several occasions, the first such flights in the United States.

Aug. 31, 1932 The first combat use of the Grumman F6F Hellcat was during the second strike on Marcus Island.

Aug. 31 to Sep. 30, 1944 Occupation of Palau and Morotai, then Peleliu and Ulithi supported by Navy aircraft carriers. Carrier planes destroyed 893 enemy aircraft and sank 67 war and merchant ships.

Aug. 31, 1945 The San Diego Flying Club began flying an Interstate L-6 and a Porterfield 35-W from Gibbs Airport(now Montgomery Field). They had not flown since December 8, 1941.

Aug. 31, 1962 The last flight of a Navy airship took place at NAS Lakehurst, 45 years after the first flight of the Connecticut DN-1, the Navy's first airship, on April 20, 1917.

Sep. ??, 1952 The Navy practiced flying radio-controlled Grumman F6F drones from NAAS Ream, Imperial Beach, California.

Sep. ??, 1952 KD Unit 21 with Radioplane KD3R-3 and Globe KD2G-2 target drones was based at NAAS Ream, Imperial Beach, California.

Sep.1, 1919 USS AROOSTOOK(CM-3), Capt. J.H. Tomb in command, entered San Diego bay as the flagship of naval aviation on the West Coast. It had sunk a dozen U-boats in the war. It had been BUNKER HILL, a civilian liner, before the war.

Sep.1, 1924 The Navy opened a parachute school at NAS Lakehurst to teach enlisted men the care, operation, maintenance and testing of parachutes – the first school of its kind in the Navy. Each student had to jump his chute before graduation.

Sep.1, 1927 Maddux Air Lines opened passenger service between San Diego and Los Angeles with Ford tri-motors.

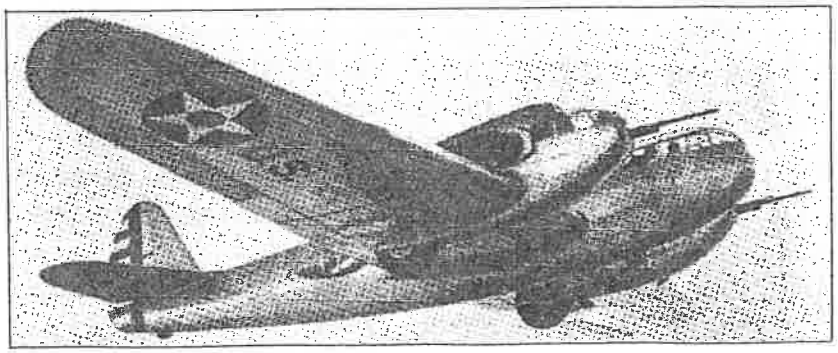
Sep.1, 1934 Roscoe Turner flew a Wedell-Williams racer from Burbank, California to Floyd Bennett Field, Brooklyn, New York in 10 hours two minutes, a transcontinental record.

Sep.1, 1937 First flight of the Bell XFM-1 Airacuda

Sep.1, 1983 A South Korean Boeing 747 was shot down after violating Soviet airspace killing 269 people.

Sep. 2, 1939 Frank Fuller, Jr., flying a Seversky racer, won the Bendix Trophy Race between Burbank, California and New Jersey at 217 mph in nine hours two minutes.

Sep. 2, 1945 V-J Day -The formal surrender of Japan on board USS MISSOURI(CVB-41) in Tokyo Bay marked the end of WW2.



aducariA 1-MFY lleB

OUT OF THE PAST THIS WEEK
August 20 to 26, 2003

Aug. 20 to Oct. 1, 1919 Two Army pilots were on Border Patrol in a DH-4 from Rockwell Field, North Island. They got lost down in Mexico and landed almost out of gas 300 miles south on the coast of the Gulf of California. They did not know where they were. They had no food and just water in the radiator. They scratched their wills on the side of the wooden fuselage. Fifteen planes flew search flights that were just 20 miles short of the lost pilot's location. Their bodies were found buried on the beach at Los Angeles Bay in Baja on October 1. Two Mexican fishermen had rescued then subsequently murdered and robbed them. LT. Frederick Waterhouse was sent home for burial. LT. Cecil E. Connolly's family buried him at Fort Rosecrans Cemetery. Their wills were saved and on exhibit in the old Aero-Space Museum then burned in the 1978 fire.

Aug. 20-22, 1928 Art Goebel and Harry Tucker in the Lockheed Vega *YANKEE DOODLE* made a record transcontinental non-stop flight from Los Angeles to New York in 18 hours 58 minutes.

Aug. 20-23, 1944 Off San Diego the non-rigid airship Goodyear K-111 demonstrated the feasibility of replenishing airships from aircraft carriers with USS MAKASSAR STRAIT(CVE-91).

Aug. 20, 1947 CDR. T.F. Caldwell flew the Douglas D-558-1 *SKYSTREAK* at 640.7 mph at Muroc, California.

Aug. 21, 1938 First flight of the Aircraft Mechanic Minx by Walter McClain from Grande Vista Airport at Palm City, California

Aug. 21, 1946 First flight of the Rohr-McCreery MR-1 by Douglas Kelley at San Diego

Aug. 21, 1956 A McDonnell F8U-1 Crusader set a new national speed record of 1015.428 mph, the first operationally equipped jet plane in history to fly faster than 1,000 mph.

Aug. 21-29, 1965 Gordon Cooper and Charles Conrad in Gemini 5 splashed down in the Atlantic after an eight day flight. A helicopter from USS LAKE CHAMPLAIN(CVS-39) picked them up.

Aug. 21, 1953 LCOL. M.E. Carl, USMC, flew the Douglas D-558-2 Skyrocket to 83,235 feet over Edwards AFB, Muroc, California.

Aug. 22, 1914 Lts. Waterfall and Bayly of N0.5 Sqd, RFC, were shot down by ground fire in their Avro, a first.

Aug. 22, 1923 First flight of the Eng. Div. Witteman "Barling" NBL-1 by Lt. H.R. Harris. His pilot logbook is in the library.

Aug. 22, 1932 Louise Thaden and Frances Marsalis set an aerial refueling record for women of eight days four hours five minutes over Valley Stream, New York in a Curtiss Thrush.

EPITAPH

We're feeling low for old Bert Branding;
He stretched his glide on a dead stick landing.

Aug. 22, 1955 VX-3 began an operational evaluation of the mirror landing system aboard USS BENNINGTON(CV-20). First a North American FJ-3 Fury tried the device, then a Grumman F9F-8 Cougar made the first night landing two days later. Their reports were favorable.

Aug. 22, 1956 The Martin JRM MARIANNA MARS landed in the waters off NAS Alameda, California after a flight from Honolulu completing the last scheduled passenger run for the huge 4-engine Mars seaplanes.

Aug. 23, 1914 German Ltn. Pluschow flying his Taube made the first war reconnaissance out of Tsingtao, China.

Aug. 23 to Oct. 31, 1929 The Russian plane *LAND OF THE SOVIETS* flew from Moscow across the North Pacific to Seattle, then to New York on a good will tour.

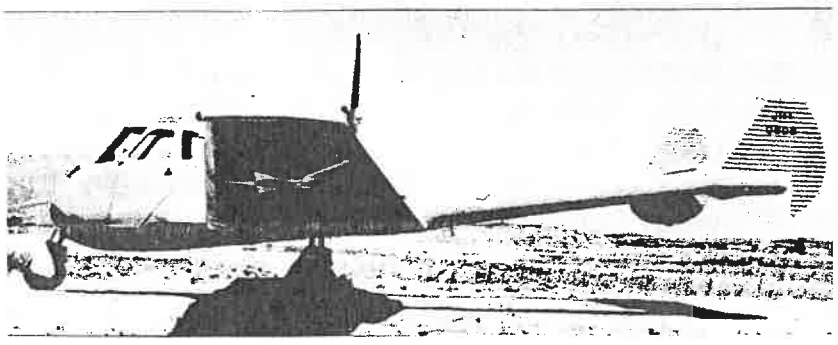
Aug. 24, 1921 The British dirigible R-38 collapsed in flight over Hull, England killing 44 officers and men of the RAF and American Navy. One of them, Charles I. Aller, Aviation Chief Rigger, USN, was buried at Fort Rosecrans National Cemetery on Point Loma.

Aug. 24, 1938 Off the coast of San Diego in the first use of a drone target aircraft in anti-aircraft exercises RANGER(CV-4) gunners fired on a radio-controlled Stearman-Hammond JH-1 making a horizontal bombing attack. The drone had flown from Otay Mesa under control from a Great Lakes TG-2.

Aug. 25, 1914 Lt. Harvey-Kelly and two other aeroplanes of No.2 Squadron forced down a Taube.

Aug. 25, 1927 Paul Redfern flew his Stinson SM-1 Detroiter from Brunswick, Georgia on his way to Rio de Janeiro, crashed in the jungle of British Guiana, then wasn't found for ten years.

Aug. 25, 1951 Boeing B-29's bombed the marshalling yards at Rashin on the northeast border of Korea escorted by F2H Banshees and F9F Panthers from USS ESSEX(CV-9).



wolley-lla detniap 1-HJ dnommaH-namreatS

OUT OF THE PAST THIS WEEK
August 13 to 19, 2003

Aug.13, 1937 First flight of the Sikorsky XPBS-1

Aug.13, 1944 Two American GB-4 glider bombs were launched from airplanes against a German naval installation at Le Havre, France.

Aug.14, 1919 An Aeromarine dropped a bag of mail on the liner ADRIATIC an hour and a half after the ship left New York, the first mail delivered by a flying boat to a ship at sea.

Aug.14, 1937 During the Japanese invasion of China the battleship ISUMA was tied up at the dock in Shanghai. In an attempt to sink the vessel Chinese planes dropped bombs which hit a crowded department store and other adjacent buildings killing over 1,900 people.

Aug.14, 1945 Japan accepted the terms of unconditional surrender on Wednesday, August 15 in the Western Pacific.

Aug.15, 1917 The Navy began painting school airplanes opaque yellow and service airplanes khaki. There were many exceptions.

Aug.15, 1918 Nungesser shot down his 45th and last victory.

Aug.15, 1918 Navy pilots began offensive operations with the Northern Bombing Group flying a Caproni bomber in a night raid on submarine repair docks at Ostend.

Aug.15, 1920 Laura Bromwell set a women's world record for loops flying 87 over Curtiss Field.

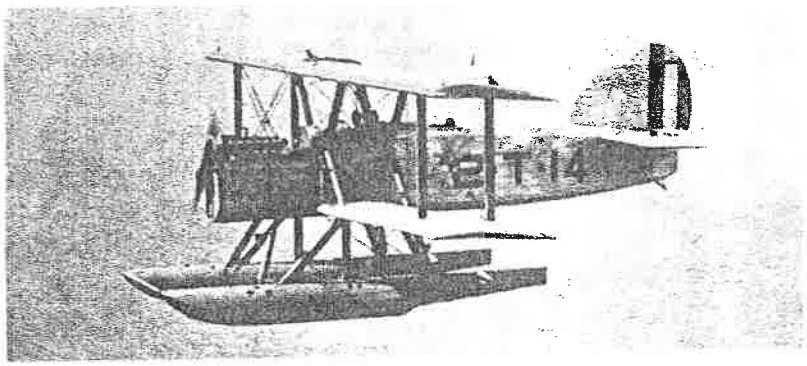
Aug.15, 1925 The Ford Motor Company bought the Stout All-Metal Airplane Company at Dearborn, Michigan.

Aug.15, 1935 While taking off near Point Barrow, Alaska Wiley Post and Will Rogers died in the crash of their modified Lockheed seaplane.

Aug.15-29, 1944 Landings in southern France were supported by two Navy and seven British escort carriers.

Aug.15, 1951 The Navy Douglas D-558-2 Skyrocket reached 79,494 feet over Muroc, California piloted by William B. Bridgeman, the highest altitude reached by man to that date.

Aug.15, 1964 The President announced the existence of a program to build a counterinsurgency (COIN) airplane. The Navy selected the North American prototype and later designated it OV-10A Bronco.



2-TD salguoD

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER

Aug.16, 1924 The Marines landed at San Diego. VO-1M unloaded eight weary DH-4B's on the pier at North Island from USS JASON after being in the Dominican Republic.

Aug.16-17, 1927 The Dole Race, or "Pineapple Derby," from Oakland, California to Honolulu was won by Arthur Goebel and Navy Lt. W.V. Davis flying the Travel Air *WOOLAROC.* In second and last place was Martin Jensen and Paul Schluter in a Breese *ALOHA.*

Aug.16, 1928 Lindbergh Field at San Diego was dedicated. There was a flyover of 222 Army and Navy planes plus a show by the Three Sea Hawks. All the spectators drove antique automobiles.

Aug.16, 1938 Two VP-5 PBY's making night landings in the bay off National City struck underwater obstructions and sank with four fatalities.

Aug.16, 1942 As Lockheed P-38's of the 95th Pursuit Squadron landed on North Island one settled in the water close to shore. A civilian swam out and helped the pilot, Lt. Leighton, get safely ashore.

Aug.16, 1948 First flight of the Northrop XF-89 Scorpion

Aug.17, 1924 A bull terrier belonging to the 120th Observation Squadron at Denver, Colorado was killed on his 101st parachute jump.

Aug.17, 1925 First flight of the Curtiss P-1

Aug.18, 1903 A hundred years ago this month German Carl Jatho(1873-1933) flew a biplane with a 9.5 hp engine for 59 feet at a height of two feet six inches. Before the Wright brothers? Keep it a secret.

Aug.18, 1919 The Martin MB on a Round-the-Rim flight commanded by Lt.Col. R.S. Hartz landed at Rockwell Field on North Island.

Aug.18, 1924 A Douglas DT-2 seaplane flown by Lt. Wyatt with Chief Rigger Preeg was refueled by USS McDERMUTT(DD-362) on the ocean 20 miles southwest of Point Loma. It was an experiment.

Aug.18, 1932 Auguste Piccard set an altitude record of 53,132 feet in his hydrogen balloon over Switzerland and Italy.

Aug.19, 1914 Col. Boom Trenchard became C.O. of RFC, 1st Wing, France, relieving Sir David Henderson. Remember the restaurant at Lindbergh Field on Pacific Highway?

Aug.19, 1919 The Navy switched the national aircraft insigne from the concentric circle design back to the pre-war star. The vertical stripes on the rudder switched back to blue in front, white and red.

Aug.19, 1929 First flight of the ZMC-2 all-metal dirigible at Detroit, Michigan

Aug.19, 1932 Flying a Morane Saulnier MS-230 Maryse Hilsz set a women's altitude record of 32,122 feet over Villacoublay, France.

Aug.19, 1940 The Mitsubishi Zero was first used operationally when a formation of 12 aircraft escorted a force of bombers attacking Chungking.

Aug.19, 1940 First flight of the North American B-25 Mitchell

Aug.19, 1940 Fred Rohr leased the building at 8th and J Street, San Diego for a factory then built parts for Consolidated LB-30's and Lockheed Hudson's. In 1983 it was a Catholic soup kitchen.

Aug.19,1980 A Saudi Arabian Tristar burned after an emergency landing at Riyadh killing 301 people.

OUT OF THE PAST THIS WEEK
August 6 to 11, 2003

Aug. 6, 1914 Zeppelin Z.VI shot up by ground fire, crashed at Bonn. First aircraft of the war lost due to enemy action.

Aug. 6, 1919 In a Hanriot HD-1, Lt. Harold A. Elliott took off from a wooden platform over the gun mount of USS MISSISSIPPI then flew to North Island with mail. His widow let the museum copy his pilot log book.

Aug. 6, 1928 The Boeing FB-5 stalled in a sharp turn near Otay Mesa, spun in, crashed and burned killing the VF-3B pilot, name uncertain.

Aug. 6, 1945 The Boeing B-29 *ENOLA GAY* crew dropped the first atomic bomb on Hiroshima, Japan killing about 75,000 people.

Aug. 6-7, 1961 Russian launched the Vostok 2 with Gherman S. Titov for 25 hours 18 minutes, the first space flight of more than 24 hours.

Aug. 6, 1997 On approach to the airport in Guam a Korean Air Boeing 747-300 crashed into the jungle killing 228 people.

Aug. 7, 1924 After a Navy Curtiss JN took off North Island the engine quit. The plane stalled then crashed on the beach killing passenger C.V. Baker, Seaman 1/C.

Aug. 7, 1928 First flight of the Curtiss Robin at St. Louis, Missouri. The museum displays a Robin.

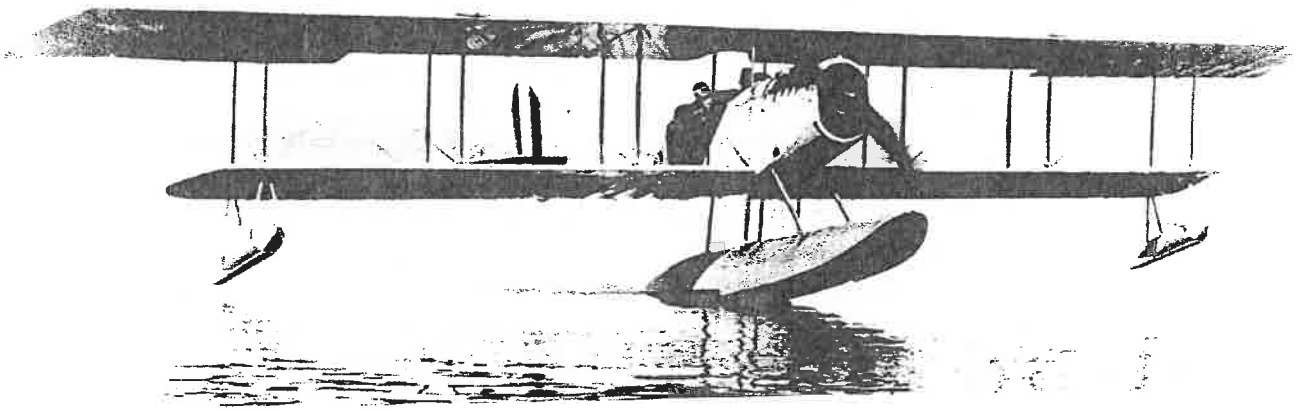
Aug. 7, 1928 The Boeing NB-1 crashed in San Diego bay three quarters of a mile below Coronado Tent City killing the crew, ENS. C. Schmich and H.T. McIntire, AMM, Aviation Pilot. No witnesses.

Aug. 7, 1935 The VS-4 Vought SU-4 from North Island went into a spin and crashed at Roll's farm on Otay Mesa killing both crewmen.

Aug. 7, 1942 to Feb. 9, 1943 Guadalcanal was captured from the Japanese.

Aug. 7, 1951 The Navy Douglas D-558-2 Skyrocket reached an unofficial speed record of 1,238 mph over Muroc, California flown by William B. Bridgeman.

Aug. 7, 1959 The U.S. launched the 143 pound Explorer 6 satellite which took the first TV photo of earth cloud cover.



ogeiD naS ta 9-N ssitruC

Aug. 7, 1971 The Apollo 15 crew was recovered by the USS OKINAWA after splashdown in the Pacific. They had been launched from Kennedy Space Center on July 26.

Aug. 8, 1709 The first successful demonstration of a model balloon in Lisbon before King John V of Portugal. It was a small envelope of thick paper inflated with hot air produced by fire in a bowl suspended underneath.

Aug. 8, 1924 USS SHENANDOAH(ZR-1) moored to USS PATOKA underway in Narragansett Bay, first mooring of an airship to a mobile mooring mast. It cast off the next day.

Aug. 8-29, 1929 The Graf Zeppelin completed the first round-the-world flight by a dirigible, 20,000 miles in 21 days seven hours. It passed over San Diego at night on August 26 where many people watched it.

Aug. 8, 1933 Milo Burcham flew a Fleet upside down from San Diego to Los Angeles in one hour 47 minutes, a new world record for flying upside down.

Aug. 8, 1946 First flight of the Convair XB-36 Peacemaker was made at Fort Worth, Texas.

Aug. 9, 1890 Clement Ader experimented with a monoplane mounting a 40 horsepower engine near Gretz, France. Did he fly??

Aug. 9, 1945 On Nagasaki, Japan a Boeing B-29 dropped the Fat Man, the second atomic bomb, killing about 40,000 people.

Aug. 9, 1949 The first use in the US of a pilot ejection seat for an emergency escape was made by LT. J.L. Fruin from a McDonnell F2H-1 Banshee at over 500 knots near Walterboro, South Carolina.

Aug.10, 1916 The Curtiss company got a Navy contract to build thirty N-9 seaplane trainers to be delivered by February 1917. They became the Navy's most popular trainer during the war when 560 N-9's were built for the Navy.

Aug.10, 1927 The Tremaine racer monoplane took off North Island, crashed into Point Loma and burned killing LT. G.D. Covell and Lt. R.S. Waggener. They had been preparing for the Dole Race to Hawaii.

Aug.10, 1960 The U.S. launched the 1,700 pound Discoverer 13 satellite. It ejected a 300 pound capsule that was recovered from the Pacific Ocean, the first object recovered from space.

Aug.11, 1917 Two Curtiss JN-4B's landing on North Island crashed broadside into two JN-4B's waiting to take off. Pilots got slight injuries.

Aug.11, 1945 Bud and Betty Gillies flew Ryan FR-1 Fireballs from Lindbergh Field to North Island to convince the Fireball pilots of VF-66 that the Fireball was dependable. Both were friends of the museum.

Aug.11, 1953 First flight of the Convair T-29D from Lindbergh Field.

Aug.11–15, 1962 The Vostok 3 and Vostok 4 spacecraft with Cosmonauts Andrian G. Nikolayev and Pavel R. Popovich made the first group flight.

Oops! August 12, 2003

Aug.12, 1918 The U.S. Post Office took over the airmail flying specially built Standard biplanes.

Aug.12, 1937 Sigismund Levanevsky and a five-man crew took off from Moscow for a flight over the North Pole to the United States. They were never seen again.

Aug.12, 1942 USS WOLVERINE(IX-64) commissioned at Buffalo, NY, was a Great Lakes excursion ship converted for carrier training in Lake Michigan. A similar excursion ship before conversion USS SABLE(IX-81) was commissioned in May 1943 for carrier training.

Aug.12, 1960 The 166 pound U.S. satellite Echo 1 inflated a 100-foot diameter balloon in orbit which reflected communications between the U.S. and the U.K.

Aug.12, 1985 In the worst single airplane disaster so far a Japan Air Lines Boeing 747 crashed into Mt. Ogura, Japan, with 520 fatalities. Four people survived.

OUT OF THE PAST THIS WEEK
July 30 to August 5, 2003

Jul. 30, 1909	The Signal Corps accepted the Wright Model B.
Jul. 30, 1916	Raoul Lufbery shot down his first aerial victory over Etain.
Jul. 30, 1918	The First Marine Aviation Force arrived at Brest, France and USMC Squadrons 7,8, and 9 began flying operations with DH-4's from fields between Calais and Dunkirk as the Day Wing, Northern Bombing Group.
Jul. 30, 1931	The VF-6 Boeing F4B-2 from North Island making a bombing attack on the radio-controlled USS STODDERT(DD-302) suddenly disintegrated and crashed in the ocean. The pilot died.
Jul. 30, 1935	The first blind landing aboard a carrier was made by Lt. Frank Akers, who took off from NAS, San Diego in an OJ-2 with hooded cockpit, located the USS LANGLEY underway in an unknown position then landed aboard catching No. 4 arresting wire. Akers got the DFC for the flight.
Jul. 30, 1954	First flight of the Grumman F11F-1 Tiger
Jul. 30, 1971	The Navy accepted the first operational Ryan BQM-34E Firebee II supersonic aerial jet target. Does the museum exhibit one?
Jul. 30, 1971	An All-Nippon Boeing 727 and a Japanese Air Force F-86 collided in mid-air over Morioka, Japan killing 162. The Japanese fighter pilot parachuted safely then was arrested for negligence.
Jul. 31, 1916	Alexander de Seversky, flying a Russian seaplane, shot down two German aircraft and returned safely. He only had one leg.
Jul. 31, 1932	Dr. Werner von Braun and Dr. Walter Dornberger made the first rocket demonstration for the German Army.
Jul. 31, 1941	First flight of the Lockheed Ventura 1
August 1948	Three nine-year old Boeing 314's rested on Lindbergh Field with FOR SALE signs. They were all sold for scrap by 1952. See *Out of the Overcast No. 162, March 1999.*
Aug.1, 1915	Flying a Fokker E.1, Max Immelmann shot down a two-seater, his first victory.
Aug.1, 1921	Carl L. Norden's high-altitude bomb sight was successfully tested by the Torpedo Squadron, Atlantic Fleet at Yorktown, Virginia.
Aug.1, 1922	Eighty-seven radio-equipped DH-4's started a fire patrol over national forests.
Aug.1, 1925	First flight of the Curtiss B-2 Condor at Garden City, Long Island
Aug.1, 1941	First flight of the Grumman XTBF-1 Avenger
Aug.1, 1942	USCG Ens. Henry C. White, flying a Grumman J4F Widgeon, sank the U-166 off the Mississippi River, the first Coast Guard kill of a submarine.
Aug.1, 1943	Russian Lt. Lydia Litvak was killed in air combat at age 22, the highest scoring woman pilot with 12 victories.
Aug.1, 1943	Ploesti, Rumania oil refineries were attacked by 177 Consolidated B-24 Liberators.

Aug.1, 1943 Flying a Grumman J4F Widgeon Ensign White sank the U-166 off the coast of Mississippi, the first by the Coast Guard.

Aug.1, 1954 The Convair Pogo completed its first flight at Moffett Field without transition to horizontal attitude.

Aug. 2, 1918 A Curtiss JN-4 got in a tailspin and crashed in Glorietta Bay opposite Tent City. Cadet C.E. Christensen was killed instantly then buried at Fort Rosecrans Cemetery.

Aug. 2, 1928 Capt. Frank Courtney and a three-man crew were forced down in the mid-Atlantic on their westbound flight attempt in a Dornier-Napier flying boat then rescued by the S.S. MINNEWASKA. Courtney was a volunteer in the museum library before he died. His album AL-15 is in the library. Go up and enjoy it.

Aug. 2, 1958 The Atlas missile was flown with all three engines firing for the first time traveling 2,500 miles from Cape Canaveral.

Aug. 2, 1964 North Vietnam motor torpedo boats attacked the destroyer USS MADDOX in the Gulf of Tonkin until driven off by ship's gunfire and rocket and strafing attacks by aircraft from USS TICONDEROGA(CV-14??).

Aug. 3, 1924 Margaret Ward became Mrs. G.H. Brentner in E.E. Bennett's four passenger Standard above the surf at Ocean Beach.

Aug. 3, 1950 USMC squadron VMO-6 began operations in Korea flying Sikorsky HO3S helicopters and Consolidated OY-1 observation planes.

Aug 3, 1954 The Convair Seadart exceeded the speed of sound.

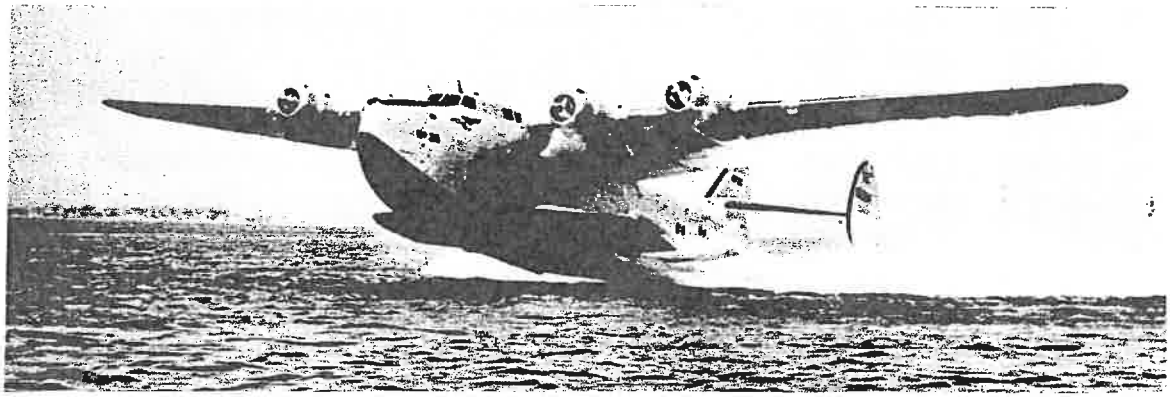
Aug. 3, 1975 Chartered Boeing 707 hit a mountainside in Agadir, Morocco killing 188 people.

Aug. 4, 1790 The U.S. Coast Guard was organized. They got airplanes a few years later, August 19, 1916.

Aug. 4, 1954 First flight of the English Electric Lightning

Aug. 5, 1930 Florence Pancho Barnes flying a Wright Travel Air set a women's speed record of 196.1 mph at Los Angeles.

Aug. 5, 1952 Six Convair crewmen parachuted from a burning B-36 over the ocean off San Diego and were rescued. Two of the crew were lost.



413 reppilC gnieoB

OUT OF THE PAST THIS WEEK
July 23 to 29, 2003

Jul. 23, 1930 Glenn H. Curtiss died at Buffalo, New York.

Jul. 23, 1956 Lt.Col. Frank Everest flew the Bell X-2 at 1,900 mph and up to 75,000 feet over Edwards AFB, California.

Jul. 23, 1999 Columbia STS-93 with Collins, first woman to command a space shuttle, Ashby, Hawley, Coleman and Tognini.

Jul. 24, 1914 Georgia Tina Broadwick parachuted from a tethered hot air balloon above Ocean Beach in a publicity stunt for Wonderland, the amusement park. It was her 1,415th jump. She used to visit the museum in the 1970's.

Jul. 24 to Nov. 9, 1919 Lt.Col. R.L. Hartz started the Round-the-Rim flight in a Martin MB bomber from Bolling Field, Washington, D.C. and completed a 9,823-mile circuit of the U.S. He was from San Diego.

Jul. 24, 1932 Alberto Santos-Dumont died at Sao Paulo, Brazil.

Jul. 24, 1975 An Apollo space craft splashed down with Tom Stafford, Vance Brand and Donald Slayton after the end of the Apollo-Soyuz mission, the end of the Apollo program. A helicopter from USS HORNET picked them up.

Jul. 25, 1909 Louis Bleriot flew the English Channel non-stop from east to west in a Bleriot XI.

Jul. 25, 1918 Billy Mitchell became Chief of Air Service, First Army, AEF.

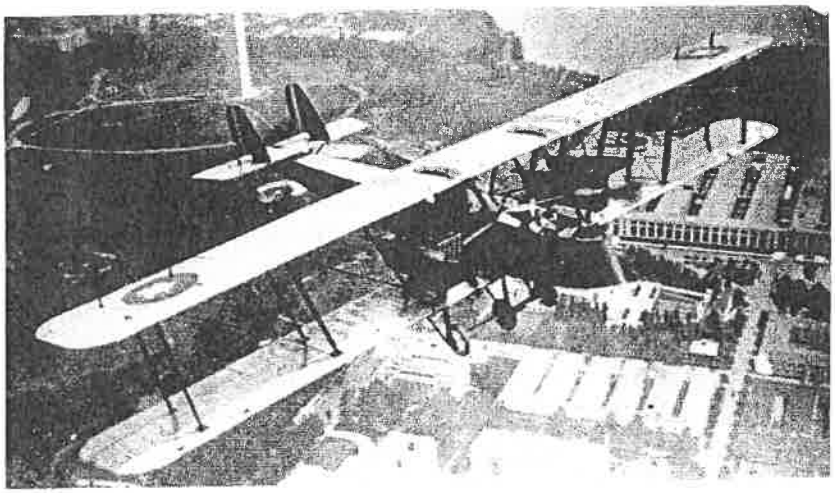
Jul. 25, 1929 First flight of the Dornier D0-X.

Jul. 25, 1930 Chance M. Vought died at Southampton, Long Island, NY.

Jul. 25, 1933 The Army Sikorsky amphibian lost a wing near Oceanside then crashed in a pasture killing all seven men on the plane.

Jul. 25, 1944 First flight of the Ryan XFR-1 Fireball flown by Robert Kerlinger from Lindbergh Field.

Jul. 26, 1947 The National Security Act of 1947 established the U.S. Air Force.



1-BM nitraM

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER

Jul. 26, 1954 While searching for survivors of a Cathay airliner shot down three days before off Hainan Island two Douglas AD's from USS PHILIPPINE SEA(CV-47) were attacked by two Lavochkin LA-7's. The AD pilots shot down the attackers.

Jul. 26 to Aug. 7, 1971 Apollo-Saturn 15 made the fourth moon landing while Scott and Irwin used the Lunar Rover bringing back 170 pounds of samples. Worden flew the spacecraft.

Jul. 27, 1917 Congress authorized President Wilson to take possession of North Island, San Diego for use by the Army and Navy in establishing permanent aviation stations and schools.

Jul. 27, 1928 The Army plane plunged into an alfalfa field six miles east of Escondido killing 2nd LT. C.A. Lane.

Jul. 27, 1942 First flight of the Messerschmitt Me 262

Jul. 27, 1953 The United Nations and Communist representatives signed an armistice at Panmunjom, ending the hostilities in Korea.

Jul. 28, 1926 The submarine S-1 surfaced then launched a Cox-Klemin XS-2 seaplane flown by Lt. D.C. Allen. The sub also recovered the aircraft and then submerged.

Jul. 28-30, 1931 Russell Boardman and John Polando set a distance record of 5,011 miles from Floyd Bennett Field, Brooklyn, New York to Istanbul, Turkey in a Bellanca CH.

Jul. 28, 1932 The new Administration Building opened on Lindbergh Field as 315 Army and Navy planes flew overhead. Across the street a gas station sold eight gallons of Rocket gasoline for a dollar.

Jul. 28, 1932 The VP-5 Martin PM-1 was taking off San Diego bay, swerved to avoid a small boat, then turned into the bow of the USCG TAMAROA. Two aircrewmen drowned in the wreckage.

Jul. 28, 1935 First flight of the Boeing XB-17 Flying Fortress

Jul. 28, 1937 Jacqueline Cochran set a women's American speed record for 100 kilometers of 200 mph in a Beechcraft.

Jul. 28, 1941 An Advanced Carrier Training Group began organizing at NAS Norfolk and at NAS, San Diego flying SBD-2, SBD-3, F2A-2, F2A-3, SNJ-3, N3N-1 and N3N-2 aircraft.

Jul. 28, 1944 The USS COPAHEE(ACV-120) offloaded Japanese aircraft on North Island. It is likely that one of them was stored in the Ford Building for several years.

Jul. 28, 1945 A North American B-25 bomber flew into the Empire State Building in New York City killing 14 people.

Jul. 29, 1932 The VP-2 Martin PM-2 from North Island dove into the ocean off Del Mar and began burning. Two of the five aircrewmen died.

Jul. 29 to Aug. 26, 1931 Charles and Anne Lindbergh flew a Lockheed Sirius from Glenn Curtiss Airport, North Beach, New York to Tokyo, Japan via Canada, Alaska, and Siberia.

OUT OF THE PAST THIS WEEK
July 16 to 22, 2003

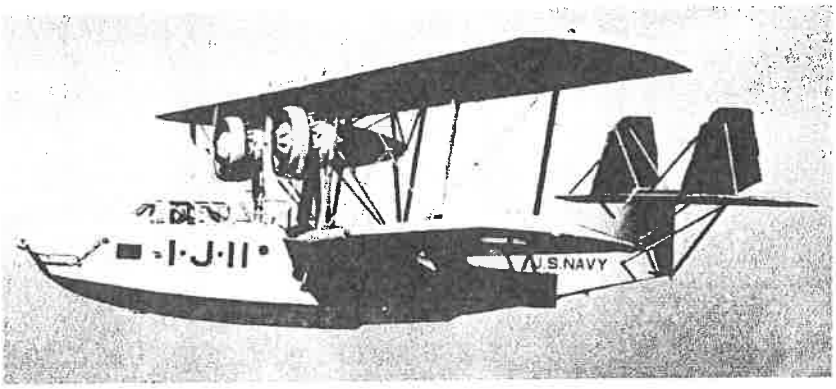
EPITAPH
And here's what's left of pilot Graff.
Didst shear a phone pole right in half.
From Western Flying magazine

Jul.16, 1915 There were 16 Fokker monoplanes on the Western Front with machine gun interrupters.

Jul.16-24, 1969 Apollo-Saturn 11 made the first lunar landing with Neil Armstrong and Edwin Aldrin in the lander. They collected 48.5 pounds of soil and rock samples. Their lunar stay time was 21 hours plus. Michael Collins stayed up in the spacecraft. That was 34 years ago.

Jul.17, 1910 Professor Nemo began heating air from a furnace and inflating his balloon at the Ocean Beach Casino in San Diego when sparks caught the bag on fire. The blazing balloon rose to a dizzy height with an empty basket then fell to earth a half mile away.

Jul.17, 1927 First organized dive bombing attack in combat when USMC pilots flying DH-4B's strafed and bombed bandits at Ocotal, Nicaragua.



Jul.17 to Sep. 4, 1934 Twelve Martin PM-2 flying boats made a 5,000 mile flight from San Diego to Alaska and return.

Jul.17-18, 1938 Douglas Corrigan flew non-stop in his Curtiss Robin from Floyd Bennett Field, Brooklyn, New York to Baldonnel Airport, Dublin, Ireland in 28 hours, 13 minutes. He got the nickname Wrong Way because he only had a clearance to fly to California. He visited the museum before he died in 1995. His son owns the airplane.

Jul.17, 1996 A Trans World Airlines Boeing 747 exploded and crashed in the Atlantic Ocean off Long Island, New York killing 230 people.

Jul.18, 1918 Hermann Goering shot down his 22nd and last victory.

Jul.18, 1921 Army and Navy bombers sank the German light cruiser FRANKFURT in the fourth phase of the aerial warfare demonstration off the Virginia coast.

Jul.18, 1935 Bernadine King flew her airplane upside down from Agua Caliente to Lindbergh Field, the first time across an international border. Her photo was in The San Diego Sun that evening.

Jul.18, 1941 Patrol Wing 7 was the first operational unit of the Navy to be supplied with radar-equipped aircraft, PBM-1's and PBY-5's.

Jul.18, 1942 First flight of the twin-jet Messerschmitt Me 262V3. It had flown in 1941 with a piston engine.

Jul.18, 1943 The Goodyear K-74 blimp on night patrol was shot down by the U-234 off the Florida coast, the only airship lost to enemy action in WW2.

Jul. 19, 1918 A Curtiss JN-4 crashed at south Imperial Beach killing student aviator Cadet A.M. Avery.

Jul.19 to Aug.20, 1934 Ten Martin B-10 bombers flew about 7,360 miles from Bolling Field, Washington, D.C. to Alaska and returned.

Jul. 20-21, 1921 Army bombers sank the German dreadnaught OSTFRIESLAND off the Virginia coast during the fifth aerial warfare demonstration.

Jul. 20, 1924 Frank Sheltz in a Curtiss Jenny picked up Floyd Parsons from a speedboat on San Diego bay with a rope ladder.

Jul. 20, 1953 First flight of the Martin B-57A Canberra

Jul. 21, 1911 As Glenn L. Martin made an exhibition flight in a Curtiss pusher at the Coronado Country Club Air Meet the engine quit. He crash-landed on the golf course breaking three wing ribs.

Jul. 21, 1921 Army bombers dropped 1000 and 2000-pound bombs sinking the German battleship OSTFRIESLAND off the Virginia capes. Navy F-5L's sank the U-117. The conclusion was that, unopposed, aircraft could sink capital ships.

Jul. 21 to Aug.17, 1930 Dale Jackson and Forest O'Brine, flying a Curtiss Robin, set a refueling duration record of 26 days, or 647 hours 28 minutes. The museum displays a Curtiss Robin.

Jul. 21, 1946 The first all-jet airplane to land and takeoff from an aircraft carrier was a McDonnell FD-1 Phantom flown by LCDR. James Davidson on USS FRANKLIN D. ROOSEVELT(CVB-42.)

Jul. 21, 1961 USAF CAPT. Virgil I. Grissom in a Mercury-Redstone 4 capsule was the second American in space during a 15-minute, 118 mile high and 303 miles downrange shot from Cape Canaveral. A helicopter from USS RANDOLPH picked him up. The spacecraft flooded and sank.

Jun. 21, 1966 A helicopter from USS GUADALCANAL(LPH-7) picked up John Young and Michael Collins from Gemini 10 after their landing in the Atlantic 460 miles east of Cape Kennedy. They had docked with an Agena satellite during their 70 hours in space. Collins made an EVA.

Jul. 22, 1933 Flying the Lockheed Vega *WINNIE MAE* Wiley Post completed the first solo flight around the world in 7 days, 18 hours plus.

Jul. 22, 1937 Navy bombers sank the target ship USS ANTHONY(DD-172) off the coast of San Diego.

Jul. 22, 1955 First flight of the Republic XF-84H, the fastest prop-driven aircraft.

July 1929 At San Diego the license X-7414 was issued for the Solar Special SE-1 built by Solar Air. Corp., and license 141E was issued for a Ryan M-2 built by T.C. Ryan Aero. Corp. Each plane built here.

OUT OF THE PAST THIS WEEK
July 9 to 15, 2003

Jul. 9, 1918 The 57-victory ace Major James McCudden was killed when his S.E.5a engine quit after takeoff and he crashed in France.

Jul. 9, 1946 First flight of the Convair 110 by Russell Rogers from Lindbergh Field, San Diego

Jul. 9, 1982 A Pan Am Boeing 727 crashed after takeoff in Kenner, Louisiana killing 153 including eight people on the ground.

Jul.10, 1910 World absolute altitude record of 6,234 feet in Wright biplane by W. Brooking at Atlantic City, New Jersey

Jul.10-14, 1938 Howard Hughes with four-man crew made a round-the-world flight in three days, eight minutes from New York to Paris, Moscow, Fairbanks, Minneapolis and New York in a Lockheed 14.

Jul.10, 1945 Carrier operations began against Japan with 15 carriers striking airfields, war and merchant shipping, naval bases and military installations.

Jul.10, 1980 Eugene B. Ely was enshrined in the Naval Aviation Hall of Honor at the Naval Aviation Museum in Pensacola.

Jul.11, 1930 Ruth Alexander flying a Barling NB-3 from Lindbergh Field set an altitude record for light planes at San Diego of 21,598 feet.

Jul.11, 1935 Laura Ingalls flew non-stop from Floyd Bennett Field, Brooklyn, New York, to Burbank, California in 18 hours, 23 minutes in a Lockheed Orion setting an east-west transcontinental record for women.

Jul.11, 1943 The Navy renamed NAAS Otay Mesa to NAAS Brown Field after LCDR Melville S. Brown. He was killed in a Grumman F2F-1 crash near Descanso on Nov. 2, 1936. His pilot logbook is in the museum library.

Jul.11, 1953 USMC Major Bolt shot down his fifth and sixth MiG in Korea becoming the first Naval Aviator to get five jet victories in combat.

Jul.11, 1973 A Brazilian Boeing 707 crashed on approach to Orly Airport, Paris killing 122 people.

Jul.11, 1991 A Nigerian Douglas DC-8 crashed while landing at Jidda, Saudi Arabia killing 261 people.

Jul.12, 1935 William Immenschuh rented the California Cub D-2, NC337H, at Madson Airport for 30 minutes and logged level flight, turns and banks. The airport was in the slough between National City and Chula Vista. Immenschuh used to be the president of the San Diego Aerospace Museum in the Ford Building.

Jul.12, 1946 First flight of the Convair 116 flying car by Russell Rogers from Lindbergh Field, San Diego

Jul.12, 1948 First flight of the North American XAJ-1 Savage

Jul.13, 1911 The balloon *Globe* ascended with a three-man crew from the Silver Strand, sailed at 4,300 feet for Oneonta(Imperial Beach) then landed 20 miles south of the border. The men returned.

Jul. 13, 1921 Army bombers sank the German destroyer G-102 in the third phase of the aerial warfare demonstration.

Jul.13-30, 1929 A refueling endurance record of 420 hours, 21 minutes was set by Dale Jackson and Forest O'Brine in a Curtiss Robin over St. Louis, Missouri.

Jul.13, 1943 First flight of the Curtiss XP-60

Jul.13, 1948 The first Convair MX-774 test missile was fired at White Sands, New Mexico.

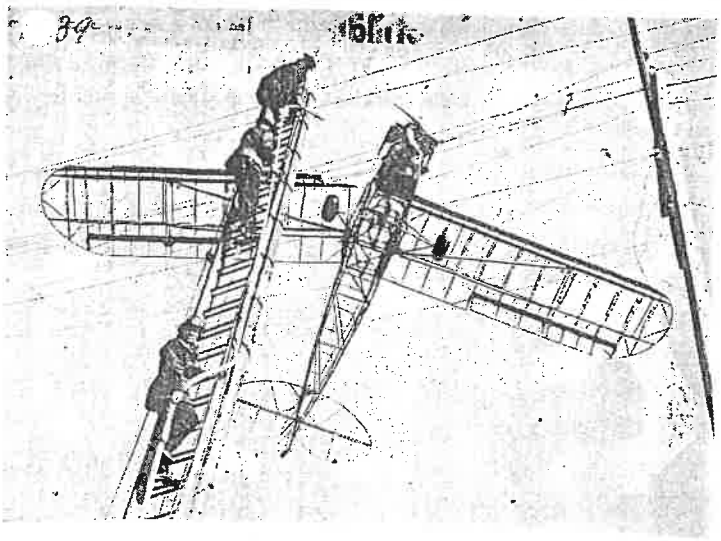
Jul.14, 1918 Lt. Quentin Roosevelt, former president's son, was killed in aerial combat in France.

Jul.14, 1944 Consolidated PB4Y Liberators of VB-109 made the first strike on Iwo Jima by shore-based airplanes.

Jul.14, 1955 First flight of the Martin XP6M-1 Seamaster, a four-jet sweptwing seaplane

Jul.14, 1965 USS YORKTOWN(CVS-10) left San Diego for Subic Bay on a turnaround trip to deliver urgently needed materials to forces in South Vietnam.

Jul.15-22, 1933 Wiley Post flew the Lockheed Vega *WINNIE MAE* around the world in seven days 18 hours 49 minutes 30 seconds.



Jul.15, 1939 A sailor named Thomasson trying to land at Speer Field on Barnett Avenue landed the Piper Cub in the power lines instead. He climbed down quickly and the airplane burned up.

Jul.15, 1947 First flight of the Saunders-Roe SR A/1 jet fighter seaplane

Jul.15, 1949 The Navy Lockheed R-60 Constitution landed its 184,000 pound double-deck fuselage at North Island.

Jul.15, 1953 When the tail trim mechanism failed on the Convair XP5Y-1 after 40 seconds of flight pilot Germeraad and the crew parachuted safely while the airplane crashed six miles off the coast.

Jul.15-24, 1975 An Apollo with Brand, Stafford and Slayton on a joint flight with Leonov and Kubasov in Soyuz 19, linked up in space, conducted experiments, ate meals and held a joint news conference.

OUT OF THE PAST THIS WEEK
July 2 to 8, 2003

Jul. 2, 1859	Professor John Wise, O.A. Gager, and John La Mountain flew 1800-km in a hydrogen balloon over the U.S.
Jul. 2, 1900	Count Ferdinand von Zeppelin first dirigible, the 420-foot long LZ-1, made its first flight carrying five people for 20-minutes from its floating hangar on Lake Constance near Friedrichshafen.
Jul. 2, 1915	Lt. Alexander de Seversky was shot down then lost his right leg when a bomb exploded in the crash of the two-seater he had been flying.
Jul. 2, 1916	Albert Ball shot down a Roland C.II with his Nieuport 17, his first victory.
Jul. 2, 1937	Amelia Earhart and Fred Noonan were lost flying from Lae, New Guinea to Howland Island in a Lockheed 10E, NR16020.
Jul. 2, 1939	Chet Decker set an unofficial American distance record for gliders of 233 miles at Elmira, New York flying a German sailplane.
Jul. 2, 1947	At about 9:50 p.m. a sheep rancher 75 miles northwest of Roswell, New Mexico heard a tremendous explosion in the atmosphere. The next morning he found wreckage scattered over a quarter-mile of ground. He reported it to the Roswell Army Air Field. The Army sealed off the area and took everything to Eighth Air Force Headquarters in Fort Worth, Texas. Other eyewitnesses have since said they saw little bodies, a couple still alive, and a saucer-shaped craft that had crashed. So began the UFO phenomenon on June 24 and July 2, 1947.
Jul. 3, 1942	First flight of the Martin XPB2M-1 Mars
Jul. 3, 1950	F9F pilots of VF-51 LT.(jg) L.H. Plog and ENS. E.W. Brown each shot down a Yak-9 over Pyongyang, northwest of Seoul. Douglas AD-s hit airfields, supply lines and transportation facilities. USS VALLEY FORGE(CV-45) and HMS TRIUMPH operated in the Yellow Sea.
Jul. 3, 1970	A British-chartered jetliner crashed near Barcelona, Spain killing 112 people.

aidrauG aL olleroiF – dyrB E. drahciR – soiluoF nimajneB

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER

Jul. 3, 1988 An Iranian A300 Airbus was shot down by the USS VINCENNES over the Persian Gulf killing 290 people.

Jul. 5, 1942 First flight of the Boeing XPBB-1 Sea Ranger

Jul. 5, 1970 An Air Canada Douglas DC-8 crashed near Toronto International Airport killing 108 people.

Jul. 6, 1915 Oswald Boelcke, flying an Albatros C.III with Ltn. Wuchlish, shot down a French Morane, his first victory.

Jul. 6, 1915 British planes and ships sank the cruiser KONIGSBERG in the Rufiji delta, German East Africa.

Jul. 6, 1919 The first Atlantic airship crossing was completed between Scotland and New York by the British R-34 landing at Roosevelt field after more than 108 hours.

Jul. 6, 1922 After the fishing boat NISSIHN caught fire off North Island, Lt. H.T. Stanley flying a Vought biplane saw the fire and some fishermen in the water. He summoned a Curtiss F-5L. After LCDR. R.A. Burg landed the seaplane nearby his crew rescued the five men in the water.

Jul. 6, 1944 The Navy Bureau of Aeronautics and Douglas Aircraft began the design and manufacture of the XBT2D single-seat dive bomber and torpedo plane which became the AD Skyraider.

Jul. 7, 1919 Army Lt. L.H. Smith flew a de Havilland Bluebird from San Francisco to San Diego, 610 miles in 246-1/2 minutes.

Jul. 7, 1942 The Army gave the Navy a specified number of B-24's, B-25's, and B-54 Venturas in exchange for the production of fewer PBY's to maximize B-24 production. The Army got the Boeing Renton plant to build B-29's.

Jul. 7, 1947 A rancher in New Mexico had earlier reported that a UFO had crashed in a remote region of New Mexico about 75 miles northwest of Roswell Army Air Base(now Walker Field). A secret operation was begun to assure recovery of the wreckage for scientific study. One week later four small dead human-like beings were found about two miles east of the wreckage site. They were badly decomposed from exposure to the elements and predators. The bodies and wreckage were removed by the Army. News reporters were told the wreckage was from a weather research balloon.

Jul. 7. 1971 The last Douglas A-1 Skyraider, an NA-1E, was retired to the Confederate Air Force Museum at Harlingen, Texas.

Jul. 8, 1943 USS CASABLANCA(ACV-55) was the first escort aircraft carrier with the designation changed to CVE-55 on 7-15-43.

Jul. 8, 1952 First flight of the Beecraft Honey Bee by William Chana at Montgomery Field, San Diego.

CORRECTION. The Army Air Corps did not stop when the Army Air Force was formed on June 20, 1941. It lasted until September 18, 1947 when the U.S. Air Force was organized. Thanks to Don Ferriolo.

OUT OF THE PAST THIS WEEK
June 25 to July 1, 2003

Jun. 25, 1922 Tiny Broadwick parachuted from a biplane flown by Walter Beck over Ocean Beach. She was a friend in the old museum.

Jun. 25, 1923 Army Lts. Smith and Richter in a DH-4B were refueled in flight at San Diego with 50 gallons from a DH-4B flown by Lts. Hine and Seifert. It was the first aerial refueling in history. Seifert was a friend of the old museum.

Jun. 25, 1925 San Diego put Ordinance No.10035 into effect. It regulated aviation by creating a Board of Air Control, requiring airplanes to be inspected and marked, testing pilots, and stating where and when flying could take place over the city. The U.S. had no such laws until 1927.

Jun. 25, 1938 Forty-seven Consolidated PBY-1 seaplanes made a non-stop mass flight from San Diego to Seattle, Washington.

Jun. 25, 1946 First flight of the Northrop XB-35 flying wing bomber

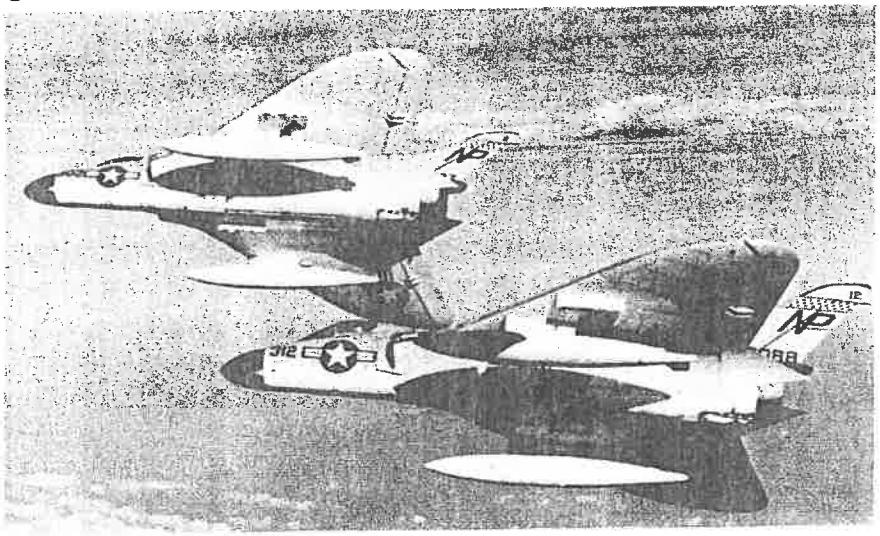
Jun. 25, 1950 North Korea invaded South Korea.

Jun. 26, 1936 First flight of the first entirely successful Focke-Wulf Fw 61 helicopter

Jun. 26, 1942 First flight of the Grumman XF6F-1 Hellcat

Jun. 26, 1946 The Army and Navy adopted the knot and nautical mile as standard aeronautical units of speed and distance.

Jun. 26, 1948 The Berlin Airlift(Operation Vittles) began as response to the ground blockade imposed by Russia on West Berlin.



Douglas F4D-1 Skyray, Squadron VF-213

Jun. 26, 1956 VF-141 received the first Douglas F4D Skyrays at NAS Miramar and turned in their McDonnell F2H-3 Demons.

Jun. 27, 1911 Lt(jg) John Towers reported for duty at the Curtiss school, Hammondsport, New York for flight training. He became Naval Aviator No.3 and an admiral years later.

Jun. 27, 1941 First flight of the Douglas XB-19 bomber with a 212-ft. wing span.

Jun. 28, 1923 While refueling in flight for almost 24 hours on a 50-kilometer course between North Island, the Marine Brigade Post and San Ysidro, the endurance plane, an Army DH-4 flown by LT. L.H. Smith and LT. J.R. Richter, ran out of fuel and was forced down in Spanish Bight at 4:35 a.m. They were not injured.

Jun. 28, 1923 A Spad VII modified into a parasol wing was making a pass across North Island when the wing crumpled. The plane crashed on the field then the gas tank exploded. The VF-1 pilot, LT. B.L. Hewitt, NA 1766, died the next day at the Naval Hospital.

Jun. 28-29, 1927 Army Lt. Hegenberger and Lt. Maitland in a Fokker C-2 tri-motor completed the first nonstop flight from Oakland, California to Honolulu in 25 hours 43 minutes.

Jun. 29-30, 1927 CDR. Byrd and crew flew from New York to France landing offshore at Ver-sur-mer in their Fokker tri-motor.

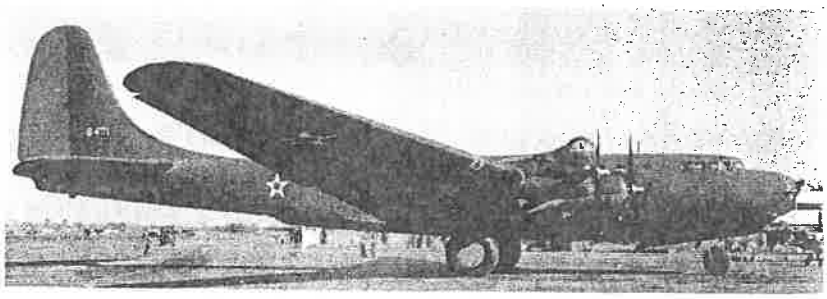
Jun. 30, 1956 A TWA Lockheed Super-Constellation and a United Air Lines Douglas DC-7 collided over Grand Canyon, Arizona killing 128 people.

Jul.1, 1909 Teenager Waldo D. Waterman made the first flights in his home-made Chanute-type glider at Albatross and Maple Streets, San Diego. A bronze plaque marks the site. It is close by. Have you seen it?

Jul.1, 1911 First flight of the Curtiss A-1 by Glenn Curtiss off Lake Keuka, Hammondsport, New York at 6:50 p.m. for five minutes to a height of 25 feet. It was the Navy's first aeroplane. Because the museum A-1 reproduction is heavier than the original a larger main float was built.

Jul.1, 1921 The Underwriters Laboratories in Chicago started an Aircraft Register and a Register for Private Pilots for insurance companies. The pilots got a physical examination, rules of the air, bulletins, and a registration certificate to expire in 12 months. John F. Petre got the first one, No.1001. Aircraft got a nationality marking, N for United States and four capital letters including at least one vowel. At Wichita a Laird Swallow got N-ABCB. Three years later the insurance companies gave it up.

Jul.1, 1922 At Friedrichshaven, Germany work began on a Zeppelin airship for the U.S. government. It became the LOS ANGELES(ZR-3).



91-BX SALGUOD

OUT OF THE PAST THIS WEEK
June 18 to 24, 2003

Jun.18, 1916 The 15 victory ace, Max Immelmann, died in the crash of his Fokker Eindecker after it broke up in mid-air.

Jun.18-24, 1983 Challenger STS-7 with Crippen, Hauck, Fabian, Thagard and Sally K. Ride, the first U.S. woman in space, and first five-person crew.

Jun.19, 1950 The Martin JRM Caroline Mars completed the 2609-mile flight from Honolulu to San Diego with 144 passengers aboard.

Jun. 20, 1913 The first fatality in naval aviation was Ens. W.D. Billingsley, Naval Aviator 9. He was thrown from a Wright B-2 hydroaeroplane at 1200 feet over the water near Annapolis. Born on April 24, 1887.

Jun. 20, 1918 The first detachment of 18 American pilots trained in Italy under Capt. Fiorello LaGuardia were assigned to fly with the Italians.

Jun. 20, 1941 The Army Air Force was established. The Air Corps was no more.

Jun. 20, 1951 First flight of the Bell X-5.

Jun. 20, 1979 Lt. Dona Spruill became the first Navy woman pilot to carrier qualify in a fixed-wing airplane when she landed a Grumman C-1A Trader aboard USS INDEPENDENCE(CV-62).

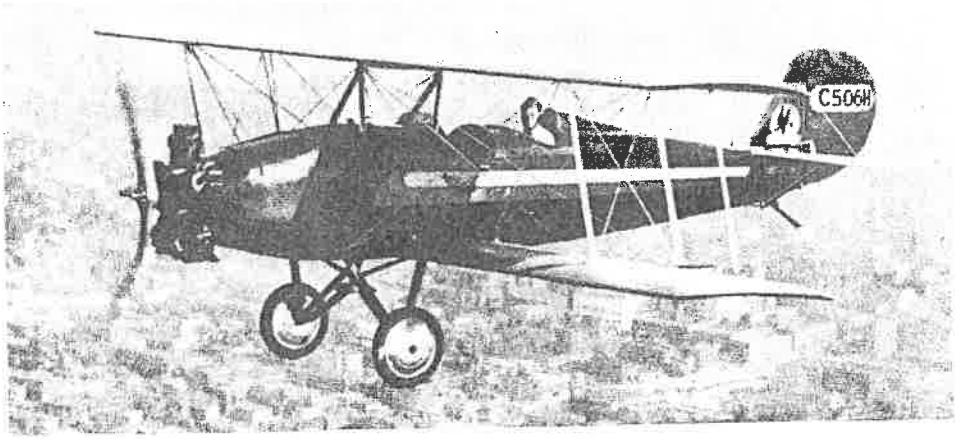
Jun. 21, 1913 The first parachute descent from an aeroplane by a woman was made by Georgia Broadwick from a Martin biplane over Griffith Field, Los Angeles, California.

Jun. 21, 1921 Navy F-5L seaplanes sank the German U-117 with bombs in the first aerial warfare demonstration off the Virginia Capes.

Jun. 21, 1933 The first flight of USS MACON(ZRS-5) over Akron, Ohio.

Jun. 21-22, 1937 Patrol Squadron 3 with 12 PBY-1 Catalinas flew nonstop from San Diego to the Canal Zone in 27 hours 58 minutes.

Jun. 22, 1896 Octave Chanute made experimental flights with a Chanute biplane glider near Lake Michigan.



Jun. 22, 1936 Arnold Peik flew his American Eagle A-129 from Peik Field beside Mission Bay giving flight instruction.

Jun. 22, 1955 A Lockheed P2V-5 of VP-9 was attacked by two MiG-15's in the Aleutian area which set fire to the starboard engine. The Neptune crashed on St. Lawrence Island near Gambell with no fatalities.

Jun. 23, 1916 Flying oranges to his wounded friend in a hospital, Victor Chapman of N.124 was killed in combat over Verdun, the first American pilot killed in the war.

Jun. 23, 1924 Army Lt. R.L. Maugham made a "dawn to dusk" flight from New York to San Francisco in 21 hours 48 minutes flying a Curtiss PW-8 with five refueling stops.

Jun. 23 to Jul.1, 1931 Wiley Post and Harold Gatty flew around the world from Roosevelt Field, New York in eight days 15 hours 51 minutes in a Lockheed Vega named *WINNIE MAE.*

Jun. 23, 1985 An Air-India Boeing 747 crashed into the Atlantic Ocean south of Ireland killing 329 people.

Jun. 24, 1934 During a demonstration over Chula Vista Airport the lady parachutist, Mrs. Gilbert Williams, jumped from an airplane at 2500-feet. Wind blew her over the bay where she landed 50 feet from shore. Rescuers saved her. She was born in India.

Jun. 24-25, 1937 Richard Archbold and pilot Russell Rogers with a four-man crew completed the first transcontinental non-stop flight in a flying boat, a Consolidated PBY-1 named *GUBA*, from San Diego to New York in 17 hours three and a half minutes.

Jun. 24, 1944 First flight of the Ryan XFR-1 Fireball by Robert Kerlinger from Lindbergh Field, San Diego

Jun. 24, 1947 Kenneth Arnold saw a formation of nine dazzling objects as he was flying his single-engine plane at about 3 p.m. some 9,000-feet over the Cascade Mountains of Washington. They banked and turned at nearly three times the speed of sound. Arnold was a credible person with more than 4,000 hours in the air. His report marked the beginning of the Unidentified Flying Object era, the flying saucers and UFO's.

namlemml xaM

OUT OF THE PAST THIS WEEK
June 11 to 17,.2003

Jun.11, 1928 First cartoon strip of Tailspin Tommy in The San Diego Union.

Jun.12, 1920 A DH-4 landing at NAS, San Diego overtook an ascending Curtiss JN-6 and sliced the tail off. Pilot LT. Louis T. Barin, NA 56, was killed. The other three men were injured. Barin was buried at Fort Rosecrans Cemetery. A Navy airfield was named for him.

Jun.13, 1944 Germans launched the first 11 V-1 pulse jet Buzz Bombs against London from Pas de Calais. It had a speed of 400 mph with a warhead of 1,988 pounds.

Jun.14-15, 1919 Captain John Alcock and Lt. Arthur Brown made the first nonstop air crossing of the Atlantic Ocean in a Vickers VIMY in 15 hours 57 minutes from St. Johns, Newfoundland to Clifden, Ireland.

Jun.15, 1785 First aerial disaster was the death of de Rozier and Romain in a Charliere-Montgolfiere balloon at Boulogne.

Jun.15, 1925 Fifteen Huff-Daland biplanes were put in operation "cotton-dusting" in Georgia, Alabama and Louisiana.

Jun.15, 1932 American Airways inaugurated airmail service between Phoenix, Arizona and Lindbergh Field, San Diego flying Fokker F.VII tri-motors.

Jun.16, 1894 Waldo D. Waterman born. Built & flew gliders at San Diego in 1909. Three of his homebuilt airplanes burned up in the old museum.

Jun.16, 1959 Two MiG's fired on a Martin P4M Mercator over international waters off Korea. The attack wounded one crewman. The

damaged plane made an emergency landing at Miho, Japan with both starboard engines inoperative.

Jun.16, 1963 Cosmonaut Valentina Tereshkova lifted off the cosmodrome in Vostok 6 for 70 hours 50 minutes becoming the first woman in space.

Jun.16, 1994 A China Northwest Airlines TU-154 crashed ten minutes after takeoff killing 160 people.

Jun.17, 1912 Julia Clarke died in the crash of her airplane into a tree at the Illinois State Fair in Springfield. She had just won her license, FAI 133, in May at the Curtiss School of Aviation on North Island.

Jun.17, 1928 Wilmer Stutz, Louis Gordon, and Amelia Earhart flew nonstop from Trepassy, Newfoundland to Burry Port, Wales in the Fokker tri-motor *Friendship* in 20 hours 40 minutes. It was the first Atlantic flight by a woman.

Jun.17-20, 1937 Valerie Chkoloff and a two-man crew flew from Moscow to Vancouver, Washington across the North Pole, 5,288 miles in 63 hours 17 minutes in an ANT-25. It was the first continent-to-continent flight across the North Pole.

Jun.17, 1947 Douglas got a Navy contract for a design study for a delta-winged fighter. It became the XF4D-1 and first flew on January 23, 1951.

Jun.17, 1951 Convair got a contract to develop a delta-winged, hydro-ski research seaplane with fighter characteristics. It became the XF2Y-1 Seadart.

Jun.17, 1965 CDR. L.C. Page and Lt. J.E. Batson, flying F-4B Phantoms with VF-21, each shot down a MiG-17, the first U.S. victories over MiG's in Vietnam.

6791 – 4981 namretaW .D odlaW

OUT OF THE PAST THIS WEEK
June 4 to 10, 2003

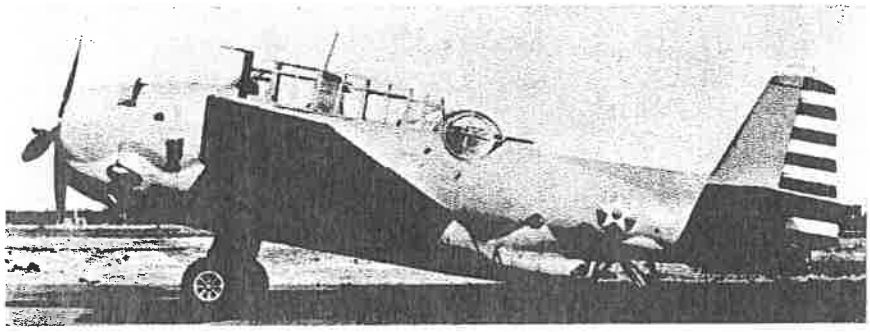
Jun. 4, 1784 At Lyon, France, with Monsieur Fleurant, Madame Thible was the first woman to make a free flight to 8,000 feet for 45 minutes in a Montgolfiere balloon named *Le Gustav*.

Jun. 4, 1915 Georgia "Tiny" Broadwick, age 22, made the first of several parachute jumps from Army biplanes over Balboa Park exciting visitors to the California-Panama Exposition. Broadwick used to visit the old museum before she died.

Jun. 4-5, 1927 Clarence Chamberlin and Charles Levine flew nonstop from New York to Eisleben near Berlin, Germany setting a new world's distance record of 3,911 miles in the Bellanca WB-2 *COLUMBIA*.

Jun. 4, 1934 The USS RANGER(CV-4) was commissioned at Norfolk, Virginia.

Jun. 4, to Jul.1, 1935 Fred and Al Key set a refueling duration record of 27 days five hours and 34 minutes at Meridian, Mississippi flying a Curtiss Robin with a Wright Whirlwind engine.



Jun. 4-7, 1942 Battle of Midway. Grumman TBF Avengers with VT-8 made their first combat appearance.

Jun. 4-7, 1965 J.A. McDivitt and E.H. White landed Gemini 4 in the Atlantic after a four-day flight. A helicopter from USS WASP(CVS-18) picked them up.

Jun. 5, 1917 The first U.S. military unit sent to France was the Navy's First Aeronautic Detachment with seven officers and 122 enlisted men commanded by Lt. Kenneth Whiting. Those aboard the collier USS JUPITER arrived in port that day. The rest of the detachment arrived aboard USS NEPTUNE on June 8. In 1922 the JUPITER became USS LANGLEY(CV-1).

Jun. 5, 1938 Ernst Udet set a world landplane speed record for 100 kilometers of 394.1 mph over Wustrow-Muritz in a Heinkel He 112U.

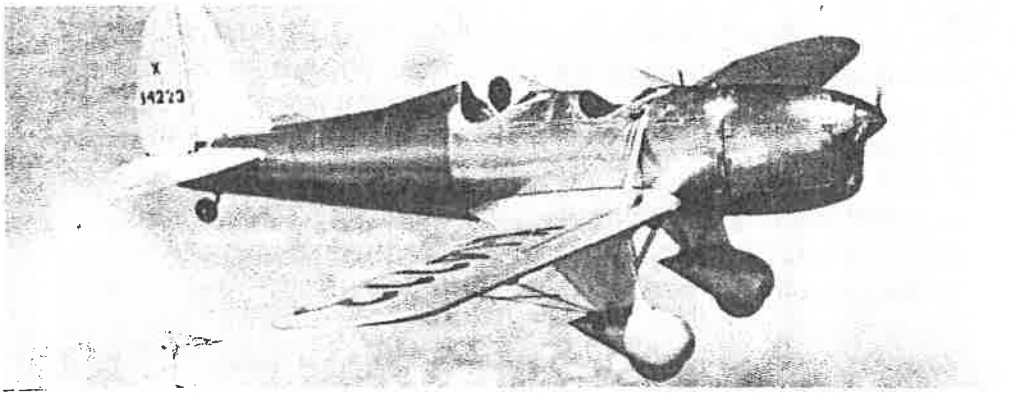
Jun. 5, 1944 At around midnight Private C. Hillman was in a C-47 on the way to jump into Normandy. As he inspected his parachute he saw it had been packed by the Pioneer Parachute Company in Connecticut where his mother was an inspector. His mother had initialed the inspection tag. He landed safely.

Jun. 6-13, 1923 Navy pilots at San Diego set speed, altitude & duration records with Curtiss F-5L, Douglas DT-2, Curtiss TS, and Martin MO-1's.

Jun. 6, 1933 NAS Pensacola received two Franklin gliders. Glider training for student pilots began and continued until 1936.

Jun. 7, 1989 A Suriname Douglas DC-8 crashed near Paramaribo Airport, Suriname, killing 168 people.

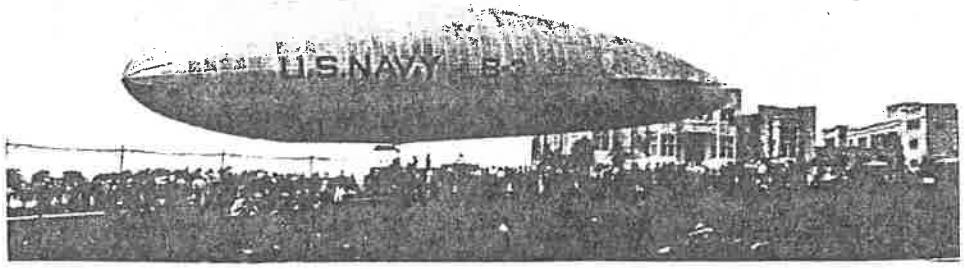
Jun. 8, 1933 The VS-2 Vought biplane caught the landing gear on high tension wires a quarter mile east of the field at Oceanside killing both crewmen instantly.



Jun. 8, 1934 First flight of the Ryan S-T, NX14223, by John Fornasero from Lindbergh Field.

Jun. 8, 1948 First flight of the Convair XF-92A by Sam Shannon at Muroc.

Jun. 9, 1966 Gemini 9 landed in the Atlantic 345 miles east of Cape Kennedy with Stafford and Cernan after a 72-hour space flight then were picked up by USS WASP(CVS-18).



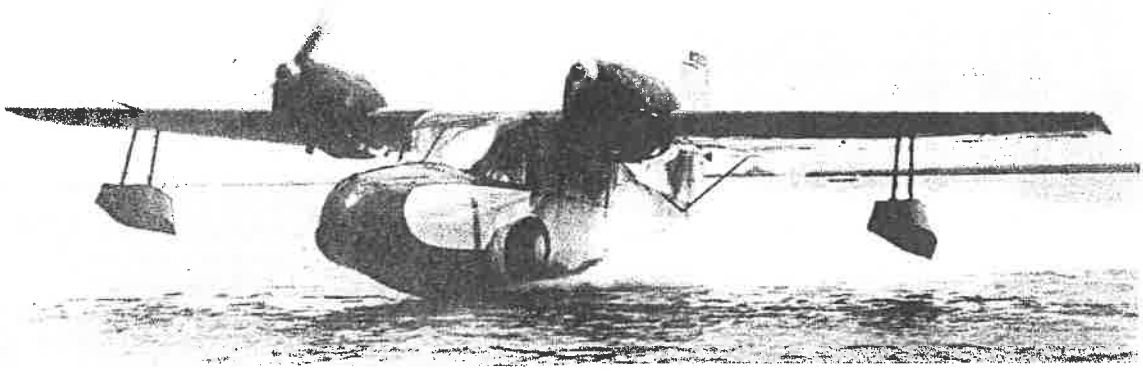
Jun.10, 1921 On a morning flight from NAS San Diego the Goodyear B-3 blimp had a rudder failure then landed on the lawn in front of San Diego High School. After repairs it took off again that afternoon.

enivel selrahc dna nilrebmahc ecneralc ko?

OUT OF THE PAST THIS WEEK
May 28 to June 3, 2003

May 28, 1921 A new Loening M-80 monoplane spun onto the west beach on North Island killing pilot Lt. G.T. Roe, NA 211. Passenger J.P. Dudley, MMC, suffered a broken jaw.

May 28, 1929 San Diego pilot Marvel Crosson set an altitude record for women of 24,000 feet over Los Angeles in a Wright Whirlwind Ryan B-1 Brougham built at San Diego.



May 28, 1940 First flight of the Grumman G-44 Widgeon, NX28633, by test pilot B.A. Bud Gillies. Gillies was a friend of the museum before he died. His logbooks are in the library.

May 28, 1946 First flight of the Convair XL-13 by Philip Prophett at San Diego.

May 28, 1947 First flight of the Douglas Skystreak.

May 29, 1916 No.11 Squadron Nieuport pilot Albert Ball, age 19, shot down his first and second victories. He shot down 47 before he was killed.

May 29, 1935 The California Pacific International Exposition opened in Balboa Park. The Ford Building interior looked a bit different than it does today; not one airplane but lots of Fords.

May 29, 1937 First flight of the Grumman G-21-A Goose, X16910, by Bud Gillies

May 29, 1940 First flight of the Vought XF4U-1 Corsair.

May 29, 1961 VADM. P.N.L. Bellinger, NA 8, USN(Ret.) died at Clifton Forge, Virginia, then was buried at Arlington National Cemetery. He took flying lessons on North Island in 1912.

May 30, 1917 The Navy's first successful dirigible, the Goodyear B-1, made an overnight test flight.

May 30, 1918 Lt. Douglas Campbell became the first AEF ace with five victories. Rickenbacker was the second on the same day.

May 31, 1916 German anti-aircraft was redesignated Flug Abwehr Kanone, the origin of the word "FLAK."

May 31 to Jun.9, 1928 Captain Kingsford-Smith and a three-man crew flew the Fokker tri-motor *Southern Cross* from Oakland, California to Brisbane, Australia, stopping at Honolulu and the Fiji Islands, 7,400 miles in 83 hours 15 minutes flying time.

Jun.1, 1915 The Navy ordered its first lighter-than-air craft from Connecticut Aircraft Company, New Haven, the non-rigid DN-1.

Jun.1, 1920 French Lt. Fronval completed 962 loops in three hours 52 minutes at Villacoublay, France.

Jun.1, 1930 The first air mail left San Diego from Lindbergh Field in a Western Air Express Fokker tri-motor on a new route through Los Angeles to Salt Lake City.

Jun.1, 1934 The Army Air Corps returned the last airmail route to contractors after flying the airmail since February 18.

Jun.1, 1938 Earl Ortman flew from San Francisco to San Diego in the record time of one hour 48 minutes in the Marcoux-Bromberg Special then hangared the racer at Airtech on Lindbergh Field.

Jun.1, 1939 First flight of the Focke-Wulf Fw 190

Jun.1, 1944 The first V-1 flying bomb shot down was done by a De Havilland Mosquito pilot.

Jun.1, 1949 The Powder Puff Derby started from San Diego for Miami with 16 lady pilots.

Jun.1, 1954 Off the coast of San Diego the first tests of the C-11 steam catapult were conducted aboard USS HANCOCK(CV-19) with 254 launches during the month.

Jun. 2, 1918 Hermann Goering, 18 victories, got the *Pour le Merite*.

Jun. 2-8, 1938 Richard Archbold with a five-man crew flew from San Diego to Honolulu to New Guinea, 7,200 miles, in the Consolidated PBY named *GUBA*. They were gone for two years.

Jun. 2, 1941 The first escort carrier, USS LONG ISLAND(AVG-1), was commissioned at Newport News, Virginia. It had been the cargo ship MORMACMAIL.

Jun. 3, 1929 A Vought O2U lost a wing in a power dive over Nestor in South Bay killing the pilot, Ens. H.P. Gow. H.G. Neumann, Seaman 2/C, parachuted safely.

Jun. 3-6, 1942 The aircraft carrier YORKTOWN(CV-5) was sunk at the Battle of Midway but heavy Japanese losses turned the tide of the Pacific war.

Jun. 3, 1962 An Air France Boeing 707 crashed on takeoff from Paris, France killing 130 people.

Jun. 3, 1965 During the 97 hour 56 minute flight in Gemini 4 with James McDivitt, Edward White was the first American to "walk in space" for 36 minutes.

OGEID NAS TA TLIUB 1-RN NAYR

OUT OF THE PAST THIS WEEK
May 21 to 27, 2003

May 21, 1878 Glenn H. Curtiss was born.

May 21, 1917 First flight of the Curtiss HS-1.

May 21 to July 2, 1937 Amelia Earhart and navigator Fred Noonan, flying the Lockheed 10E, NR16020, took off from San Francisco to fly around the world from west to east. They were lost at sea trying to reach Howland Island from Lae, New Guinea.

May 21, 1945 VF-19 received Grumman F8F-1 Bearcats at North Island.

May 21, 1950 The Montgomery Memorial Monument was dedicated on Otay Mesa on the hill above Beyer Boulevard and Coronado Avenue. It is a Convair B-32 Davis wing sheathed in stainless steel by the Ehmcke Metal Company downtown. It honors John J. Montgomery's glider flights there in 1883. Visit the location.

May 21, 1956 The first U.S. airborne H-Bomb was dropped from a Boeing B-52 at 50,000 feet over Bikini Atoll.

May 22, 1912 1st Lt. Alfred A. Cunningham, USMC, was assigned to flight instruction at the Burgess company at Marblehead, Mass. The date is recognized as the birthday of Marine Corps aviation. He became Naval Aviator No.5 at Pensacola on September 17, 1915. He died on May 27, 1939 at his home in Florida and was buried in Arlington National Cemetery. The USS ALFRED A. CUNNINGHAM (DD-752) was launched on August 3, 1944.

May 22, 1924 Navy Lt. Frank Fake flew a Blackburn Swift from North Island, one of two purchased from the British, and practiced dropping torpedoes in the bay evaluating its possible use in naval aviation.

May 22, 1941 First flight of the Curtiss P-40D Kittyhawk

May 23, 1848 Otto Lilienthal was born in Pomerania. He designed and flew gliders near Berlin until he died after a crash on August 11, 1896.

May 23, 1917 The Joint Technical Board recommended the Navy aircraft necessary for war consist of 300 school machines, 200 service airplanes, 100 speed scouts, and 100 large airplanes. The Curtiss N-9 and R-6 were satisfactory for school and service airplanes.

May 23, 1918 First flight of the Curtiss HS-2

May 24, 1887 Edward Mannock was born. He became a high-scoring ace in World War One.

May 24, 1918 The first American-built flying boats, eight Curtiss HS-1's, arrived at Pauillac, France. Four were sent to North Island.

May 24-25, 1928 Mexican Capt. Carranza flew his Ryan Brougham from San Diego to Mexico City, 1575 miles in 18 hours 20 minutes.

May 24, 1939 Mexican Francisco Sarabia set a nonstop record with his Gee Bee between Mexico City and Floyd Bennett Field, Brooklyn, New York, 2350 miles in 10 hours, 45 minutes.

May 24, 1961 LCDR. M. Scott Carpenter was launched from Cape Canaveral in Mercury-Atlas *Aurora 7* and completed three earth orbits before landing in the Atlantic after a 258-mile overshoot caused by a manual retrofire error. After being located by a Lockheed P2V,

then assisted by para-rescue men dropping from an RC-54 he was picked up by an HSS helicopter after three hours in the water and flown to USS INTREPID(CV-11). The destroyer JOHN R. PIERCE retrieved the capsule.

1889

May 25, 1898 Igor Sikorsky was born and became an airplane and helicopter designer.

May 25, 1932 A Navy torpedo plane from North Island broke up in a power dive and plunged into the ocean south of Coronado. Two of the three-man crew died.

May 25, 1953 First flight of the North American YF-100A Super Sabre.

May 25, 1973 Skylab II rendezvoused with Skylab I in earth orbit.

May 25, 1979 An American Airlines Douglas DC-10 crashed after takeoff at O'Hare Airport, Chicago, killing 275 people including two on the ground. It remains the highest death toll in U.S. aviation history.

May 26, 1874 Henri Farman was born and became an airplane designer.

May 26, 1915 An armed German two-seater shot down an Allied aircraft, the first recorded German air victory.

May 26, 1941 After a Consolidated PBY Catalina sighted the BISMARCK English ships sank the battleship.

May 26, 1942 A Brewster F2A-3 demonstrated the feasibility of jet-assisted takeoff using five British rocket motors at NAS, Anacostia.

May 26, 1951 Sally Ride was born and became an astronaut.

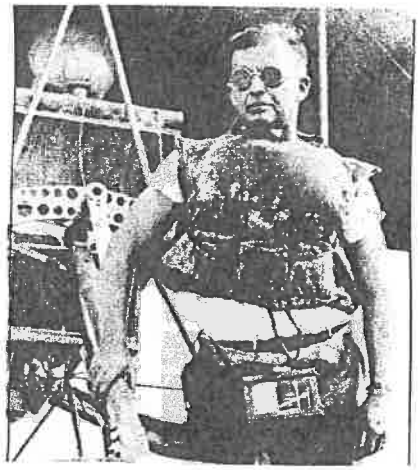
May 26, 1969 After their eight-day orbit of earth Apollo 10 astronauts Stafford, Young, and Cernan were recovered by helicopters from USS PRINCETON(LPH-5).

May 26, 1991 A Lauda-Air Boeing 767-300 exploded over Thailand killing 223 people.

May 27, 1929 Charles A. Lindbergh married Anne Morrow at Englewood, NJ.

May 27, 1931 Auguste Piccard set an altitude record of 51,775 feet in a hydrogen balloon over Germany and Austria.

May 27, 1958 First flight of the McDonnell XF4H-1 Phantom II



namraF irneH - toirelB siuoL - mahgninnuC derflA

ALMOST EVERYTHING WE SAY IS TRUE - EDITOR EDWARD LEISER

OUT OF THE PAST THIS WEEK
May 14 to 20, 2003

May 14, 1884 Claude Dornier was born. He began building airplanes in WW I becoming one of most prolific aircraft manufacturers before May 1945. The 1929 12-engine Do-X seaplane, a memorable design, was destroyed in a museum during a Berlin air raid.

May 14, 1917 A Curtiss H-12 flown by Fl.Lts. Galpin and Leckie was the first American-built airplane to shoot down a dirigible, the Zeppelin L.22.

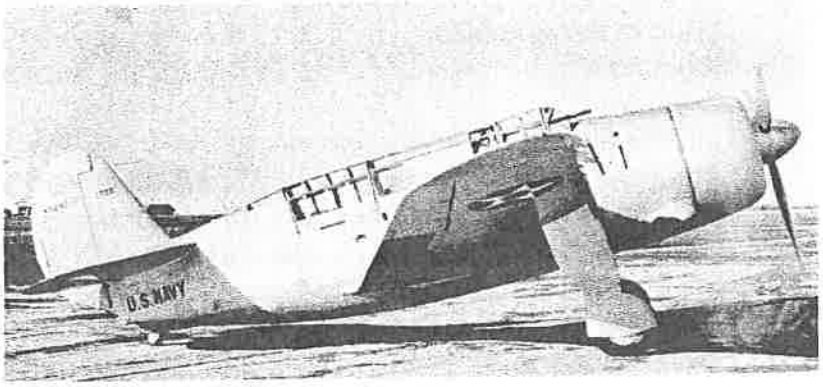
May 14, 1949 Convair delivered the XF-92A to the Air Force.

May 14, 1973 Skylab 1 became the first U.S. space station.

May 15, 1888 Alexander Klemin was born. He became an aeronautical engineer for Consolidated Aircraft Company at San Diego.

May 15, 1892 Charles Rosendahl was born. Lt.Cdr. Rosendahl became a dirigible commander.

May 15, 1918 Army Lt. George Boyle took off from Washington, D.C. carrying the first airmail to New York in a Curtiss JN-4H. He got lost and landed. The mail continued on a railroad train. Although his father was a senator Boyle was sent back to flight school.



May 15, 1939 The Navy ordered the Curtiss-Wright XSB2C-1 dive bomber.

May 15, 1941 Marine parachutist Lt. Walter Osipoff was pulled from a Douglas R2D by his loosened pilot chute over Camp Elliott in San Diego. The shroud lines tangled with the tail wheel leaving him hanging head down behind the tail. Navy pilots, Lt. Lowrey and CAP McCants, rescued him in mid-air by pulling him into the back seat of a Curtiss SOC then cutting the shroud lines with the propeller. Osipoff broke some bones but survived.

May 15, 1941 The Gloster E28/39 took off at Cranwell, England, the first British jet airplane.

May 15, 1958 Russia launched the 2,926-pound Sputnik 3 satellite.

May 15-16, 1963 The Mercury-Atlas 9 *FAITH 7* with Gordon Cooper made the first evaluation of the effects on a person of one day in space. He made 22 orbits in 34 hours 19 minutes. A KEARSARGE helicopter picked up him and the capsule 80 miles southeast of Midway.

May 16, 1920 Coronado Tent City management hired Clyde Pangborn to complete an auto-to-plane change along the Silver Strand. He fell off the rope ladder hanging from the Curtiss Jenny but was not badly hurt. An Aeromarine 39B that was also entertaining the crowd lost its engine and crashed into an auto beside the Hotel del Coronado bathhouse. Nobody was hurt.

May 17, 1945 First flight of the Lockheed XP2V-1 Neptune.

May 18, 1916 Flying a Nieuport 11 Kiffin Rockwell shot down an LVG two-seater, the first victory for the Escadrille Americaine.

May 18, 1953 In a North American F-86 Sabre Jacqueline Cochran became the first woman to fly faster than the speed of sound at 652 mph.

May 19, 1897 Frank Luke was born. After learning to fly at San Diego in 1917 he became the leading American ace in 1918 before being killed in combat.

May 19, 1912 Julia Clark became the first woman to learn to fly at San Diego as a student at the Curtiss School of Aviation on North Island.

May 19, 1918 The 17-victory ace from the Lafayette Escadrille, Raoul Lufbery, died after combat with a German two-seater near his 94th Aero Squadron airfield at Toul. He fell or jumped from his plane.

May 20, 1784 The first balloon ascent by a woman was made by Mme. Thible at Lyons in a Montgolfier. Tell that to the visiting ladies.

May 20, 1895 Reginald Mitchell was born. He designed the Supermarine Spitfire.

May 20, 1927 Charles Lindbergh Bohannon was born in San Diego. Charles Lindbergh took off from Roosevelt Field, New York then landed at Le Bourget Field, Paris, 33 hours 30 minutes later.

May 20, 1932 Amelia Earhart flew solo in a red Lockheed Vega from Newfoundland to Ireland in 15 hours 18 minutes.

May 20, 1948 First flight of the North American F-86A Sabre.

May 20, 1951 Flying his North American F-86 Sabre Captain Jabara shot down his fifth MiG-15 in the Korean War.

May 20, 1965 A Pakistani Boeing 720-B crashed at the Cairo, Egypt airport killing 121 people.

WHO WERE THEY? narhcoC enileuqcaJ – avokhsereT anitnelaV – trahraE ailemA ?KO

ALMOST EVERYTHING WE SAY IS TRUE - EDITOR EDWARD LEISER

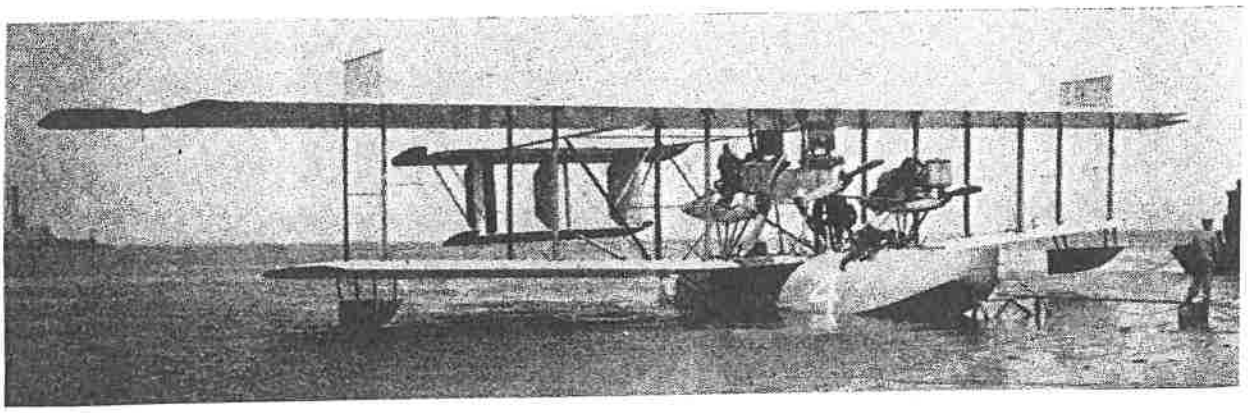
OUT OF THE PAST THIS WEEK
May 7 to 13, 2003

May 7, 1889 Godfrey Chevalier was born. He became Navy Air Pilot No.7 in 1914. He died on November 14, 1922, two days after an airplane crash at Lochaven, Virginia.

May 7, 1917 British ace Albert Ball was killed in action after 45 victories.

May 7, 1911 The Navy ordered its first aeroplane, the Curtiss A-1. That day became the birthday of naval aviation.

May 8, 1895 James 'Dutch' Kindelberger was born. He became president of North American Aviation, Inc.



May 8-31, 1919 The Navy-Curtiss NC-4 flying boat completed the first trans-Atlantic crossing from Rockaway, New York to the Azores, Lisbon, Portugal and Plymouth, England commanded by Lt.Cdr. A.C. Read with crew. NC-1 and NC-3 failed to make it.

May 8, 1929 The Navy Bureau of Aeronautics began providing all carrier airplanes with tail wheels and brakes after removing the fore-and-aft arresting gear cables.

May 8, 1937 The Coast Guard dedicated their $40,000 Air Patrol Station at Lindbergh Field. Lt. Linholm was CO with a Douglas RD-4 seaplane, and a Grumman JF-2 amphibian. It is still there.

May 8, 1939 Congress authorized the Ryan School of Aviation at Lindbergh Field to train Air Corps flying cadets. The first Ryan trainers were PT-16 monoplanes with Menasco C-4 engines.

May 8, 1945 VE Day – President Truman proclaimed the end of the war in Europe. The U-249 surrendered to a PB4Y the next day.

May 9, 1891 Oswald Boelcke was born. On October 28, 1916 the 40-victory ace died after a midair collision with another German pilot.

May 9, 1921 After a Navy free balloon left North Island the wind took its six passengers several miles out to sea. After the wind changed the balloon blew back to San Diego. As the sun dodged in and out of the clouds the crew dumped sand ballast over Mission Hills. It finally landed in Balboa Park near the present San Diego Aerospace Museum sending Marines running for cover.

May 9, 1926 The tri-motor Fokker *Josephine Ford* made the first flight over the North Pole manned by Lt.Cdr. R.E. Byrd and Navy pilot Floyd Bennett.

May 9, 1959 First flight of the Bee Aviation Queen Bee. It burned up in the 1978 San Diego Aero-Space Museum fire.

May 9, 1987 A Polish Ilyushin 62M crashed after takeoff in Warsaw, Poland killing 183 people.

May10,1895 Frederick Rohr was born. He helped build the Spirit of St. Louis in 1927. In 1940 he opened his aircraft parts company on the land that had been Chula Vista Airport since 1928 at the foot of G Street managed by Roland and Robert Tyce.

May10,1927 Charles A. Lindbergh flew the Ryan NYP, N-X-211, *Spirit of St. Louis,* from Rockwell Field, North Island to Paris, France via St. Louis, Missouri and New York City.

May11,1881 Theodore von Karman was born in Budapest, Hungary. He became a rocket scientist.

May11,1911 Jacqueline Cochran was born. As an orphan she grew up to be a pilot, leader of the WASP's, and a record-setter.

May11,1918 The first American-made DH-4 with a Liberty engine arrived with the AEF. Some 1,200 reached France before the Armistice.

May11-13,1926 Amundsen, Ellsworth and Nobile flew the airship *NORGE* over the North Pole.

May11,1932 USS AKRON(ZRS-4) arrived at Camp Kearny. During the mooring attempt two sailors were killed when they were carried aloft about 400 feet then fell to their deaths. One man was pulled up to safety in about two hours.

May12,1949 The Berlin Airlift ended and the wall came down after the Russians stopped their 11-month blockade of the city since June 1948.

May13,1916 First patrol by N.124, Escadrille Americaine, flying Nieuport 11-s. Later the squadron name was changed to Escadrille Lafayette.

May13,1930 The Marine Curtiss OC-2 Falcon flown by Cadet Albert Wassell, 22, from North Island flew into power lines over Lake Hodges and crashed in the lake. The pilot drowned before rescuers reached him.

May13,1948 First flight of the Martin XP5M-1 Marlin.

WHO WERE THEY? ZTNAM LUAP-TRAHRAE AILEMA-MANTUP EGROEG ?KO

ALMOST EVERYTHING WE SAY IS TRUE - EDITOR EDWARD LEISER

CALENDAR OF AEROSPACE HISTORY

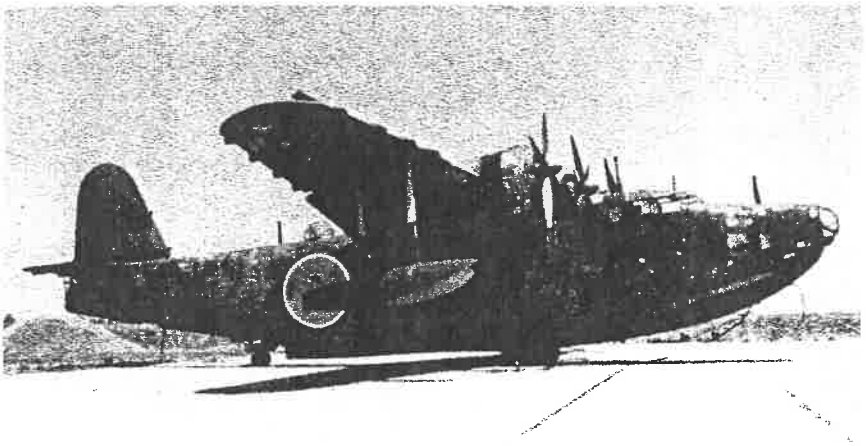
Apr. 23, 1910 Hubert Latham set the world absolute air speed record of 48.2 mph in an Antoinette monoplane over Nice, France.

Apr. 23-24, 1929 Elinor Smith set an endurance record for women of 26 hours 21 minutes in a Bellanca over Long Island, New York.

Apr. 23, 1945 Consolidated PB4Y-s of VP-109 launched two Bat missiles against enemy shipping in Balikpapan harbor, Borneo, the first combat employment of the only automatic homing missile used in the war.

Apr. 23, 1949 The construction of the aircraft carrier USS UNITED STATES was halted by the Secretary of Defense.

Apr. 23, 1974 A Pan American Boeing 707 crashed in Bali, Indonesia killing 107 people.



Apr. 23, 1979 The Kawanishi H8K2 Emily flying boat tested at Patuxent River in 1945 then stored at Norfolk was returned to the Japanese Museum of Maritime Science.

Apr. 24, 1915 The German High Command permitted no aeroplanes mounting a Fokker machine gun interrupter to fly over the enemy lines.

Apr. 24, 1946 First flight of the Yakovlev Yak-15.

Apr. 24, 1949 At the American Gold Cup Races on Brown Field Bob Heisel was killed in the crash of his Pitts Pellet, and Art Chester was killed in the crash of his Swee-Pea. The Fullerton Flyers from Santa Ana refueled in the air from a Jeep at Brown Field setting an endurance record of almost 1000 hours before landing at Santa Ana.

Apr. 24, 1970 Communist China launched their first satellite; 381 pounds

Apr. 25, 1921 First flight of the Stout ST-1 twin engine torpedo plane by Eddie Stinson, the first all-metal airplane for the Navy.

Apr. 25, 1932 Mayor Austin turned the first spade of dirt for the new Administration Building on Lindbergh Field.

Apr. 25, 1940 The USS WASP(CV-7) was commissioned at Boston, Mass.

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER.

Apr. 26, 1927 LCDR. Davis and LT. Wooster were killed in the crash of *The American Legion*, a Keystone Pathfinder tri-motor, on a test flight near Newport News, Virginia. Financed by the American Legion they had been going to try for the New York-Paris Orteig prize of $25,000.

Apr. 26, 1955 The Naval Aircraft Factory at Philadelphia was renamed the Naval Air Engineering Facility (Ships Installations). Apr. 26, 1994 A China Airlines Airbus A-300-600R crashed at Japan's Nagoya Airport killing 264 people.

Apr. 27, 1917 The Marine Aeronautic Company , Advanced Base Force, was organized at Philadelphia Navy Yard, Capt. A.A. Cunningham in command.

Apr. 27, 1920 At Los Angeles Omer Locklear received the first warrant in the U.S. for reckless aerial driving.

Apr. 27, 1921 The National Aircraft Underwriters Association submitted a resolution to the Chamber of Commerce of the U.S. urging an aerial code to provide safe airplanes and pilots.

Apr. 27, 1948 Two Lockheed P2V-2 Neptunes made JATO takeoffs from the USS CORAL SEA near Norfolk, Virginia as an experiment.

Apr. 28, 1927 First flight of the Ryan NYP *Spirit of St. Louis*, N-X-211, by Charles Lindbergh from Ryan Field along Barnett Avenue in San Diego.

Apr. 28, 1937 The Pan American Sikorsky S-42 *HONG KONG CLIPPER* arrived at Hong Kong after completing the first commercial flight across the Pacific.

Apr. 28, 1979 First flight of the Ryan NYP reproduction, N211SD, by Ray Cote from Lindbergh Field, San Diego.

Apr. 29, 1918 Flying a Nieuport 28 of the 94th Aero Squadron Eddie Rickenbacker won his first confirmed victory in the air.

Apr. 29, 1931 First flight of the Boeing YB-9 twin-engine monoplane bomber.

LAST WEEK: T.C. RYAN - B.F. MAHONEY – B. ROGERS

WHO WERE THEY? tsop yeliw – rehcstim cram – llehctim mailliw KO?

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER.

OUT OF THE PAST THIS WEEK
APRIL 16 to 22, 2003

Apr.16, 1886 Two real estate operators bought the peninsula of North Island, Coronado and the Silver Strand for $100,000 and began building a big hotel.

Apr.16, 1946 The first German V-2 in the U.S. was launched at White Sands, New Mexico.

Apr.16, 1971 VMA-513 took delivery of the first three AV-8B Harrier aircraft.

Apr.16-27, 1972 Apollo-Saturn 16 made the fifth moon landing. Young and Duke collected 213 pounds of samples while Mattingly flew the spacecraft.

Apr.17, 1920 The first civilian air show after the war was put on by Jenny wingwalker Clyde Pangborn and pilot Jimmy Hennessey and the photographer in the other Jenny all for the benefit of the visiting Prince of Wales.

Apr.18, 1915 After Roland Garros shot down his third air victory with his Morane Parasol he flew another mission that day. After ground fire stopped his engine he force-landed and was captured before he could destroy his airplane. The Germans modified his machine-gun interrupter mechanism then installed it on their Fokker monoplanes.

Apr.18, 1942 Just 668 miles from Tokyo USS HORNET(CV-8) launched 16 North American B-25 bombers led by Lt.Col. James H. Doolittle for the first attack on the Japanese homeland.

Apr.18, 1943 Japanese Admiral Yamamoto and his staff were killed by the attack of Lockheed P-38G Lighnings on his Mitsubishi G4M1 bomber over Bougainville.

Apr.18, 1950 First flight of the Convair XP5Y-1 Tradewind by Sam Shannon from San Diego bay.

Apr.19, 1922 Erich Hartmann was born in Weissach, Germany. During the war he scored 352 victories, the highest scoring fighter pilot in history.

Apr.19, 1946 The AAF started Project MX-774 with Consolidated-Vultee at San Diego to study rocket capabilities leading to an intercontinental ballistic missile, an ICBM.

Apr. 20, 1950 William Chana flew the Wee Bee on its last flight at Gibbs Airport, now Montgomery Field. The plane had been flown in Ireland, England and the National Air Races. It burned up in the 1978 museum fire.

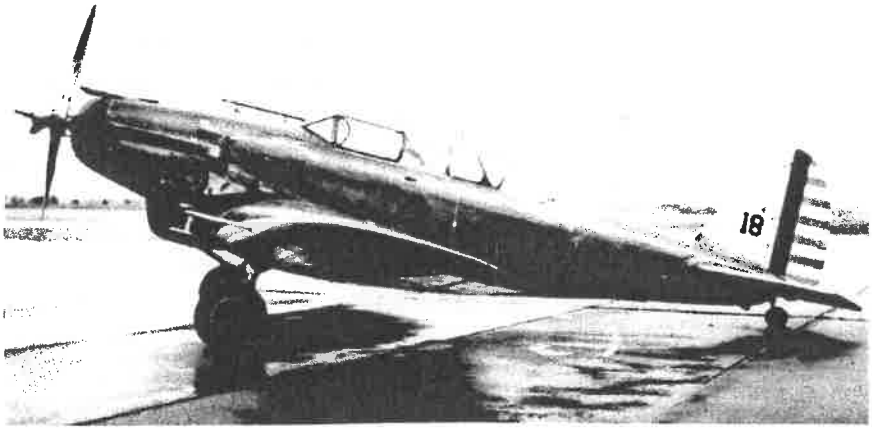
Apr. 20, 1967 A Swiss Britannia turboprop crashed at Nicosia, Cyprus killing 126 people.

Apr. 21, 1910 At the Coronado Country Club polo ground Waldo Waterman, age 16, tried to take off in a pusher biplane while being pulled by another young

man in a Buick. After the tow rope failed to disengage he crashed, breaking both ankles. Waterman had built the aeroplane. A friend of the old museum, Waterman died in San Diego in 1976.

Apr. 21, 1918 The Red Baron, Manfred von Richthofen, was killed in combat near Corbie, France on Sunday with one bullet through the heart. At the time credit went to RAF Capt. Roy Brown and Australian machine-gunners on the ground.

Apr. 21, 1929 An Army Boeing PW-9 fighter plane from Rockwell Field on North Island collided in mid-air with a Maddux Air Lines Ford 5-AT-10, NC9636, over East San Diego. Both planes crashed near 39th and Spruce Streets killing the fighter pilot and the five people in the Ford.



Apr. 21, 1936 On a local test hop from Lindbergh Field Army 2nd Lt. Lawrence Olmsted and Capt. Walter Todd got their Consolidated PB-2A into a flat spin two miles west of Camp Kearny. Todd jumped safely. Olmsted jumped too late. Fifty of the monoplanes had been built by Consolidated Aircraft Company at Lindbergh Field, the first planes the company built at San Diego. There were four variations of the two-seaters.

Apr. 22, 1918 The Oneonta Gunnery School for Army aviators was started at what today is the Navy's Imperial Beach Outlying Field. The Army also began flight training in aerial gunnery at Otay Mesa, Brown Field today. Curtiss JN-4's and Thomas-Morse Scouts were used by November 11, 1918.

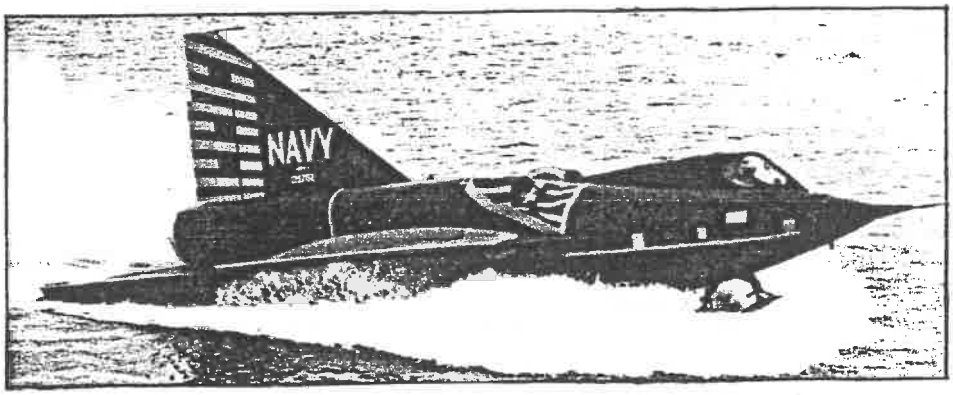
LAST WEEK'S AIRPLANE: SIKORSKY UN-4

WHO WERE THEY? ANSWERS NEXT WEEK

ALMOST EVERYTHING WE SAY IS TRUE - EDITOR EDWARD LEISER

AEROSPACE HISTORY THIS WEEK
APRIL 9 to 15, 2003

Apr. 9, 1931 The Navy signed a contract with the Glenn L. Martin Company for 12 BM-1 divebombers. They could carry a 1,000-pound bomb.



Apr. 9, 1953 First flight of the Convair XF2Y-1 Seadart by Sam Shannon from San Diego bay.

Apr.10 to May 10, 1919 The Victory Loan Flying Circus with 15 pilots and many types of airplanes toured the country. Performances were given in 88 cities in 45 states with 368 passengers taken for rides.

Apr.11, 1915 First flight of the trimotor bomber, Zeppelin-Staaken V.G.O.1. Underpowered, two more engines were added. It was the first of the big bombers with wingspans up to 138 feet and up to six machine guns.

Apr.11, 1956 Convair announced their Model 22, the Skylark 600, fastest commercial airplane in the world. Howard Hughes got first choice.

Apr.11, 1970 Apollo-Saturn 13 with Astronauts Lovell, Haise and Swigart aborted after the service module oxygen tank ruptured. They returned safely in the lunar module.

Apr.12, 1921 President Harding recommended Congress establish a Bureau of Aviation in the Department of Commerce for the regulation and encouragement of air navigation. It took six more years to happen.

Apr.12-14, 1927 Clarence Chamberlain and Bert Acosta set a new endurance record of 51 hours 11 minutes flying a Bellanca 15 monoplane. Acosta grew up in San Diego.

Apr.12, 1961 First human orbital flight was made by Yuri Gagarin in Vostok I for one hour 48 minutes.

Apr.13, 1916 Naval aircraft got their first insignia, an anchor and two-digit numeral in dark blue on a white background on the upper and lower wing surfaces. The anchor usually was place on the vertical tail surfaces and the numbers fore and aft on both sides of the fuselage.

Apr.13, 1975 The Naval Aviation Museum was dedicated at NAS Pensacola with 72 airplanes on exhibit including the Curtiss NC-4.

LAST WEEK'S NAMES:
Jimmy Doolittle – Igor Sikorsky – Reuben Fleet

ALMOST EVERYTHING WE SAY IS TRUE – EDITOR EDWARD LEISER

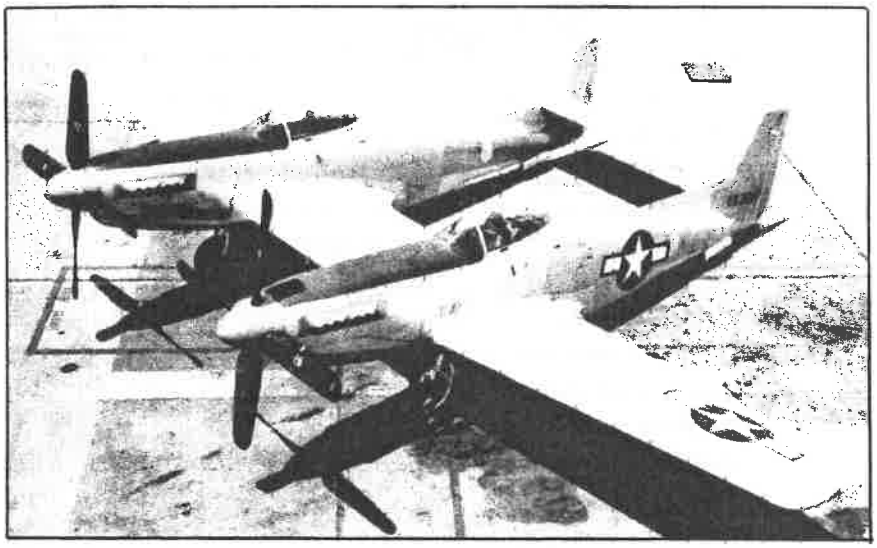
Apr.14, 1918 Lts. Douglas Campbell and Alan Winslow flying Nieuport 28's got the first victories for AEF pilots when they shot down two Albatros D.V's over the Toul airfield. The museum exhibits a Nieuport 28.

Apr.14, 1969 North Korean aircraft shot down an unarmed Lockheed EC-121 Constellation on routine reconnaissance patrol over the Sea of Japan killing the 31-man crew.

Apr.15, 1915 Roland Garros shot down his second air victory with his Morane Saulnier Parasol monoplane and a machine gun firing through the propeller blades. His victories were published in The San Diego Union each time.

Apr.15, 1935 First flight of the Douglas TBD torpedo plane. Some time later on North Island to the surprise of onlookers the wings folded upwards. It was the first plane they had seen with that innovation.

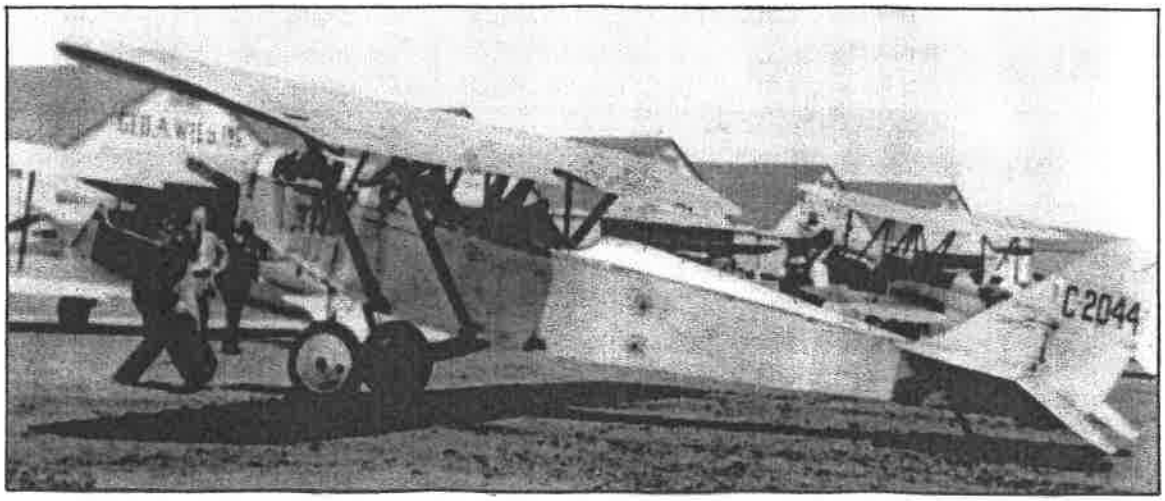
Apr.15, 1944 First flight of the Convair Model 39, NX30039, by Sam Shannon from Lindbergh Field.



Apr.15, 1945 First flight of the North American XP-82 Twin Mustang.

Apr.15, 1952 First flight of the Boeing YB-52 Stratofortress.

Apr.15, 2002 An Air China Boeing 767-200 crashed into a hillside amid rain and fog near Pusan, South Korea killing 122 people. **Don't fly on rainy days.**



What is it? Answer next week.

AEROSPACE HISTORY THIS WEEK
APRIL 2 to 8, 2003

Apr. 2, 1916 Atrocity! The German Zeppelin L.14 bombed a warehouse near Edinburgh destroying $175,000 worth of Scotch whiskey.

Apr. 2, 1931 The Navy signed a contract with Grumman for the XFF-1 two-seat fighter, the first Navy plane with retractable landing gear.

Apr. 3, 1910 First flight of the Walsh pusher biplane by Charles Walsh at Imperial Beach, today south of Palm Avenue and west of 15th Street.

Apr. 4, 1933 The airship USS AKRON (ZRS-4) crashed into the ocean in a storm at night off Barnegat Light, New Jersey with 73 fatalities including Rear Adm. W.A. Moffett, Chief, Bureau of Aeronautics, and the CO, Cdr. Frank C. McCord. That left the Navy with two dirigibles, MACON and LOS ANGELES. NAS Moffett Field near Sunnyvale, California was named after the admiral.

Apr. 4, 1975 A USAF C-5A Galaxy carrying orphans crashed near Saigon, South Vietnam after takeoff killing 172 people.

Apr. 5, 1945 Ryan test pilot Dean Lake bailed out of his Ryan FR-1 Fireball which plunged into a parked Consolidated PB4Y on Lindbergh Field.

Apr. 6, 1892 Donald W. Douglas was born.

The San Diego Union

ORDER COMPLETE MOBILIZATION OF NAVY

Alleged German Plotters to Be Arrested

Apr. 6, 1917 The U.S. declared war on Germany. Navy and Marine Corps aviation consisted of 48 officers, 239 enlisted men, 54 airplanes, one airship, three balloons and the Naval Air Station at Pensacola. The Army had 56 pilots, 51 student pilots, and less than 300 airplanes, all trainers.

Apr. 7, 1935 While stunting over San Diego bay the Great Lakes biplane crashed in the water about one mile south of F Street pier in Chula Vista. Both men were killed.

Apr. 8, 1913 The Army Curtiss F-Boat, S.C. 15, crashed into San Diego bay. The pilot, 1st Lt. L.H. Brereton survived. Passenger 2nd Lt. Rex Chandler drowned, the first fatality at the Army school on North Island and the second aviation fatality at San Diego.

Not Amelia's autogiro.

Apr. 8, 1931 Amelia Earhart set an autogiro altitude record of 18,415 feet over Willow Grove, Pennsylvania flying a Pitcairn PCA-2.

Who ~~are~~ were they? Answers next week.

OUT OF THE PAST THIS WEEK
MARCH 26 to APRIL 1

2003

Aviation people photos last week: Glenn Martin, Joe Foss and George Cayley

Mar. 26, 1931 As Marine Lt. Elvin B. Ryan from VF-10M took off from North Island in a Curtiss F6C-4 Hawk his engine quit. He spun into Spanish Bight and died in the Naval Hospital.

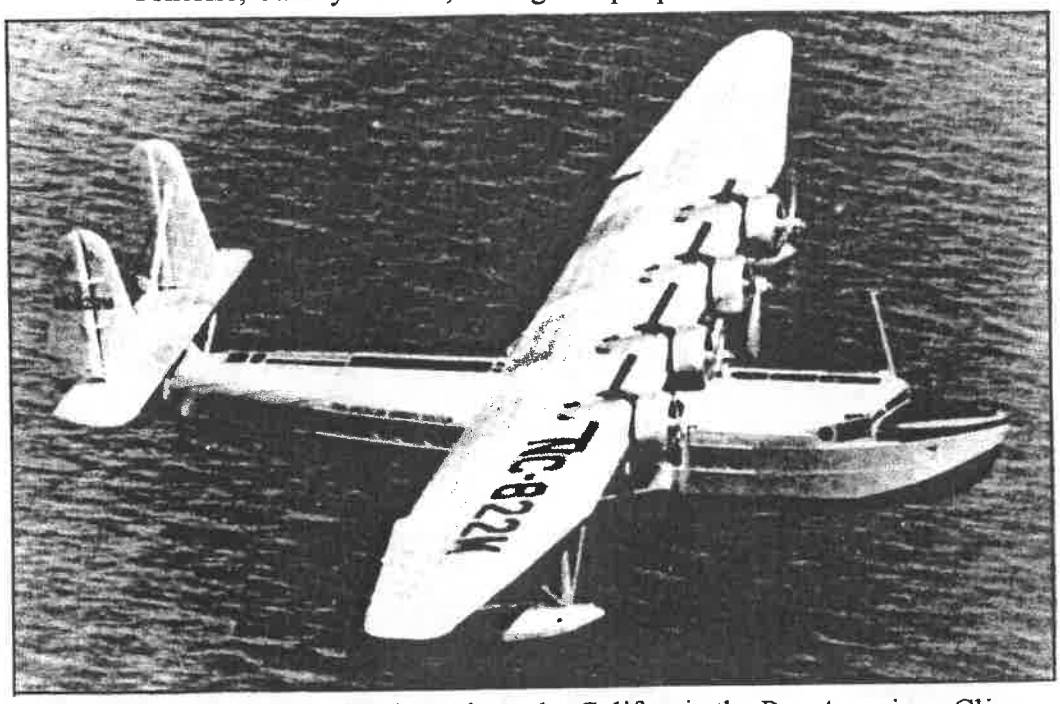
Mar. 26, 1945 Ryan test pilot Mickey Maguire died in his Ryan Fireball crash five miles northeast of MCAS Miramar.

Mar. 26, 1954 After the pilot bailed out of his Grumman F9F-6 the plane headed for San Diego until another pilot diverted it out to sea.

Mar. 27, 1918 The first airplane built in the Naval Aircraft Factory at Philadelphia was the H-16, A-1049. It carried two 230-lb bombs and five Lewis machine guns.

Mar. 27, 1942 Howard 'Skipper' Smith owned America's first Negro-managed war plant. The Pacific Parachute Company at San Diego hired 20 white, Mexican and Negro girls.

Mar. 27, 1977 The worst aviation disaster in history was the collision on the runway of a KLM Boeing 747 with a Pan American Airways Boeing 747 at Tenerife, Canary Islands, killing 582 people.



Mar. 28, 1935 En route from Miami to Alameda, California the Pan American Clipper Sikorsky S-42 landed in San Diego bay.

Mar. 29, 1944 A U-Boat sank the USS BLOCK ISLAND(CVE-21) near the Azores, the only aircraft carrier lost in the Atlantic during the war.

Mar. 30, 1930 A Waco biplane began towing Frank Hawks in a Franklin PS-1 glider from Lindbergh Field to New York. They arrived on April 6.

Mar. 30, 1944 The greatest loss for the Royal Air Force happened when 795 Lancaster and Halifax bombers raided Nuremburg. German fighters shot down 62, flak downed 14, collisions lost two and 16 were simply missing. There were 545 RAF flyers lost.

Mar. 31, 1935 The Ryan Aeronautical Company at Lindbergh Field delivered the first production Ryan S-T to a customer in Seattle, the first of 316 monoplanes.

Mar. 31, 1936 The Zeppelin HINDENBURG started a round trip from Berlin to Rio de Janeiro, Brazil and completed it on April 10.

Mar. 31, 1951 At San Diego Convair got a contract for the development of a propeller-driven vertical takeoff fighter, the XFY-1 Pogo. Three weeks later the XFO-1 was ordered from Lockheed and later designated XFV-1.

Mar. 1922 Robert Goddard tested the first liquid fueled rocket in world history.

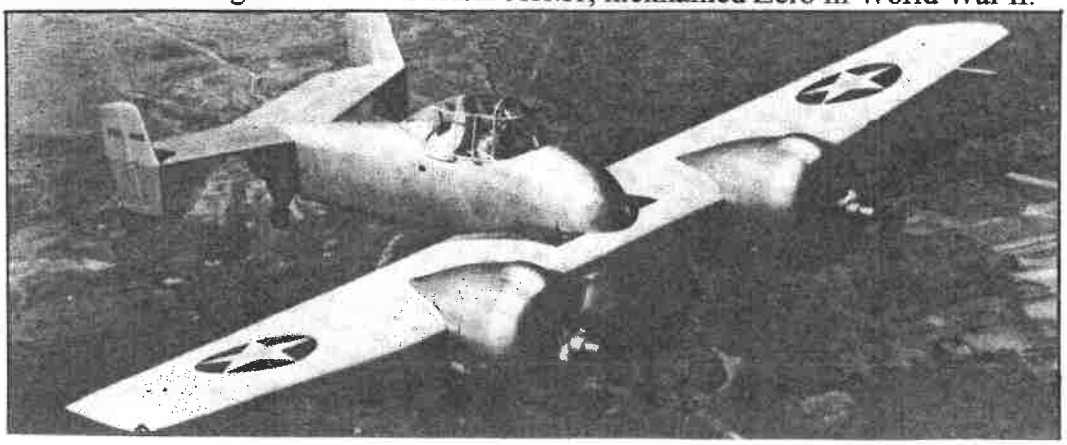
Apr.1, 1915 Ltn. Roland Garros shot down his first air victory using the machine gun interrupter he had installed on his Morane Saulnier Type L Parasol. After he put two bullets through the fuel tank the German two-seater went down in flames. (The San Diego Union on April 9, 1915)

Apr.1, 1916 San Diego held its first Model Airplane Contest on the tractor field in Balboa Park during the Panama-California Exposition.

Apr.1, 1918 The Royal Flying Corps and the Royal Naval Air Service joined to form the Royal Air Force.

Apr.1, 1925 T.C. Ryan sold half of his business on Dutch Flats along Barnett Avenue to Franklin Mahoney. They started the Los Angeles-San Diego Airline, Inc., flying four-seat Cabin-Standards every day. One way cost $14.50 and round trip $22.50. Each passenger was insured.

Apr.1, 1939 First flight of the Mitsubishi A6M1, nicknamed Zero in World War II.



Apr.1, 1940 First flight of the Grumman XF5F-1 Skyrocket.

ANSWERS FOR LAST WEEK:

GLENN MARTIN – JOE FOSS – GEORGE CAYLEY

OUT OF THE PAST THIS WEEK
MARCH 19 to 25

Aviator photos last week: Roland Garros, Frank Luke and Rene Fonck.

Mar.19, 1918 The first U.S. Navy aviator to shoot down an enemy airplane was Ens. Stephan Potter when his seaplane formation was attacked by German planes off the German coast.

Mar.19, 1918 The first air patrol over enemy lines was made by Rickenbacker, Lufbery and Campbell of the 94th Aero Squadron flying Nieuport 28's.

Mar.19, 1933 The Ryan School of Aeronautics at Lindbergh Field put on a three hour-plus air show featuring stunts in Great Lakes biplanes, a bomb dropping and spot landing contest, passenger flights in the Savoia-Marchetti amphibian and landplanes, and a 20-mile race with start and finish in front of the Administration Building. Don't you wish you'd been there?

Mar. 20, 1918 After a heavy rain a ground cave-in on State Street between B and C Streets uncovered a large underground gambling den for crap shooting, cards, and girl entertainment. The gamblers had paid guards to watch the entrance located behind a fence. Did aviators gamble down there?

Mar. 20, 1915 During the Exposition in Balboa Park a free balloon was raised with aeronaut C.W. Holmes in the basket at 3 p.m. It leveled out at 5,000 feet then floated over the city and North Island then out to sea. Finally it floated back to south San Diego and landed safely south of Nestor at about 5 p.m.

Mar. 20, 1922 The Navy commissioned its first aircraft carrier, the true flat-top USS LANGLEY(CV-1), converted from the former collier USS JUPITER. Cdr. Kenneth Whiting was the commanding officer.

May 20, 1932 First flight of the Boeing Y1P-26, 32-412, with two fixed forward firing 0.30 –inch machine guns.

Mar. 20, 1932 At San Diego Frank Graham, age 15, flew a sailplane over Plumosa Park for one hour 29 minutes, a national junior glider record.

Mar. 21, 1918 First flight of the two-seater Curtiss HA Dunkirk Fighter by Roland Rohlfs at Port Washington, Long Island.

Mar. 21, 1928 Charles A. Lindbergh received the Medal of Honor from President Coolidge at Washington, D.C.

Mar. 22. 1912 Ens. Herbster crashed the Wright B-1 in San Diego bay and was unhurt. Glenn Curtiss came to the rescue in a launch.

Mar. 22, 1915 The U.S. Navy replaced the title Navy Air Pilot with Naval Aviator for officers that had qualified to fly.

Mar. 22, 1923 A Douglas DT-2 caught fire over Point Loma. Pilot Ensign Grooch sideslipped down then landed the torpedo plane safely in the ocean about 50 yards from shore. He and BMC Groh swam to the beach.

Mar. 23, 1923 San Diegans witnessed the first skywriting over the city when Captain Tait-Cox spelled LUCKY STRIKE with his S.E.5, paid for by the American Tobacco Company.

Mar. 22, 1955 A Douglas R6D of VR-3 crashed and exploded at 0203 on Pali Kea Peak, 15 miles northwest of Honolulu, killing 57 passengers and nine crew members, the worst HTA crash in naval aviation history.

Mar. 23, 1912 Werner von Braun was born.

Mar. 23, 1913 Leonard Bonney and passenger Margaret Stahl flew a Deperdussin monoplane from Los Angeles to National City, part of a 600-mile cross-country round trip. They landed beside the Electric Car Line just below 30th Street.

Mar. 23, 1965 The first manned Gemini 3 mission was by Virgil Grissom and John Young landed in the ocean east of Bermuda. A Coast Guard helicopter spotted them in 20 minutes. They were delivered to USS INTREPID (CV-11) within an hour.

Mar. 24, 1912 Flying a Curtiss pusher biplane Horace Kearney flew a stunt show then "bombed" the steamer YALE underway from San Diego with oranges and lemons. His friend was aboard the ship.

Mar. 24, 1917 Krafft A. Ehricke was born.

Mar. 25, 1898 Theodore Roosevelt, Assistant Secretary of the Navy, recommended to his boss that he appoint two officers to examine Langley's flying machine and report on its potentiality for use in war.

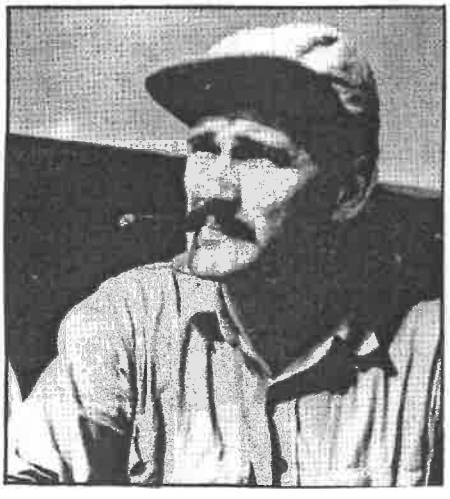
Mar. 25, 1911 On North Island Army Lts. Beck, Kelly and Walker graduated from the Curtiss School of Aviation as landplane pilots.

Mar. 25, 1917 Flying a Nieuport 17 Billy Bishop downed an Albatros for his first victory. There are questions about the confirmation of Bishop's victories made during the war.

Mar. 25, 1926 Douglas Corrigan soloed at the Ryan flying school on Dutch Flats.

Mar. 25, 1929 The Balboa Theatre featured THE AIR LEGION starring Ben Lyon, Antonio Moreno and Martha Sleeper, also five acts of vaudeville. The matinee cost 15 cents.

Mar. 25, 1955 The Chance Vought XF8U-1 Crusader exceeded the speed of sound at Edwards AFB on its first flight. VF-32 pilots received Crusaders on March 25 1957.



WHO ARE THEY? ANSWERS NEXT WEEK

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
MARCH 12 to 18

Mar.12, 1949 First flight of the Coward Wee Bee by Karl Montijo at Brown Field.

Mar.13, 1969 Apollo 9 astronauts McDivitt, Scott and Schweickart were recovered by a helicopter off USS GUADALCANAL(LPH-7) after their ten-day orbit of the earth.

Mar.14, 1912 Just after Lt. T.G. Ellyson took off from North Island in the Curtiss A-2 a gust of wind sent the machine sidewise. It fell to the ground and turned upside down catapulting Ellyson clear, but bruised, cut and conscious..

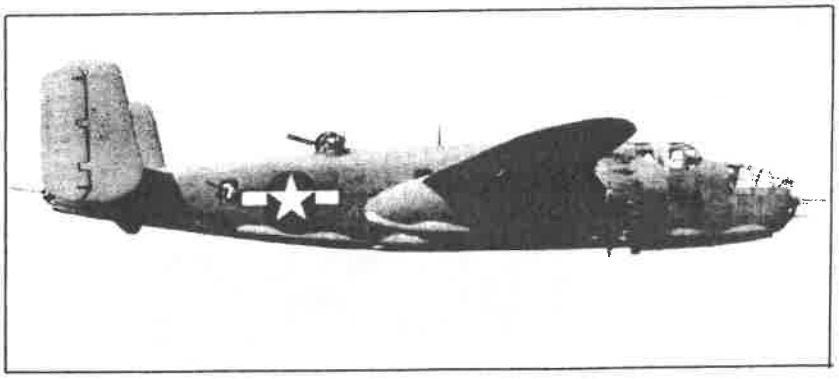
Mar.14, 1915 Lincoln Beachey died in the crash of his tractor monoplane in San Francisco bay after the wings collapsed at an airshow. Weight-testing had damaged the wings the day before. They were not repaired nor did Beachey's manager, William H. Pickens, inform him of the damage.

Mar.14, 1916 "Birth" of the Lafayette Escadrille, American fighter pilots flying Nieuport 11's and led by a French officer.

Mar. 14, 1919 The Navy's first fatal airplane accident in San Diego occurred when a Curtiss N-9 crashed in the bay drowning Ens. Chase.

Mar.15, 1983 Crews for the Navy airships SHENANDOAH and LOS ANGELES began training at NAS Lakehurst under Capt. Anton Heinan, formerly of the German Navy.

Mar.15, 1928 Two Marine DH-4B's collided in mid-air over Midway Drive on Dutch Flats killing the four crewmen.



Mar.15, 1944 The North American PBJ Mitchell entered combat for the first time in a raid on Rabaul, New Britain by Marine Bombing Squadron 413.

Mar.16, 1926 Robert Goddard launched the first liquid-fueled rocket burning oxygen and gasoline at Auburn, Massachusetts. It went 60 mph.

Mar.16, 1929 Louise Thaden set an endurance record for women of 22 hours three minutes in a Travel Air.

Mar.16, 1947 First flight of the Convair 240 airliner by Russell Rogers from Lindbergh Field.

Mar.16, 1962 A Flying Tiger Lockheed Super-Constellation vanished in the western Pacific with 107 people aboard.

Mar.16, 1966 Gemini 8 made an emergency landing in the Pacific 500 miles east of Okinawa with Neil Armstrong and David Scott. They had completed the first space docking with another satellite.

Mar.17, 1937 When Amelia Earhart and Fred Noonan tried to takeoff from Honolulu on the second leg of a round-the-world flight a tire blew out on their Lockheed 10. The plane went back to the factory for repair.

Mar.17, 1943 NAAS Otay Mesa was commissioned as an auxiliary airfield to NAS San Diego. Today we call it Brown Field, named for Lt.Cdr. M.S. Brown, Executive Officer of USS LEXINGTON when he was killed in a Navy Grumman fighter plane crash near Descanso on November 2, 1936.

Mar.17, 1958 NACA launched the eight-pound Vanguard I satellite from Cape Canaveral. NASA began operating on October 1, 1958 replacing NACA.

Mar.17, 1988 A Columbian Boeing 707 crashed into a mountainside near the Venezuelan border killing 137 people.

Mar.18, 1936 First flight of the Naval Aircraft Factory XN3N-1 trainer at NAS Pensacola. It became known as the Yellow Peril.

Mar.18, 1943 Consolidated merged with Vultee and became Consolidated-Vultee Aircraft Corporation. Reuben Fleet had retired.

Mar.18, 1945 First flight of the Douglas XBT2D-1, later designated AD-1 and named Skyraider.

Mar.18, 1945 The Okinawa campaign began. It was the most violent amphibious campaign of the war supported by 16 aircraft carriers. Kamikaze pilots seriously damaged USS FRANKLIN(CV-13) and damaged four others. When two CVE's arrived it marked the "debut" of Marine Air Support aircraft carriers.

Mar.18, 1965 In Voshkod 2 Cosmonaut Leonov made the first space walk for ten minutes during his 24 hour 2 minute flight.

Who are these aviators? Answers next week.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

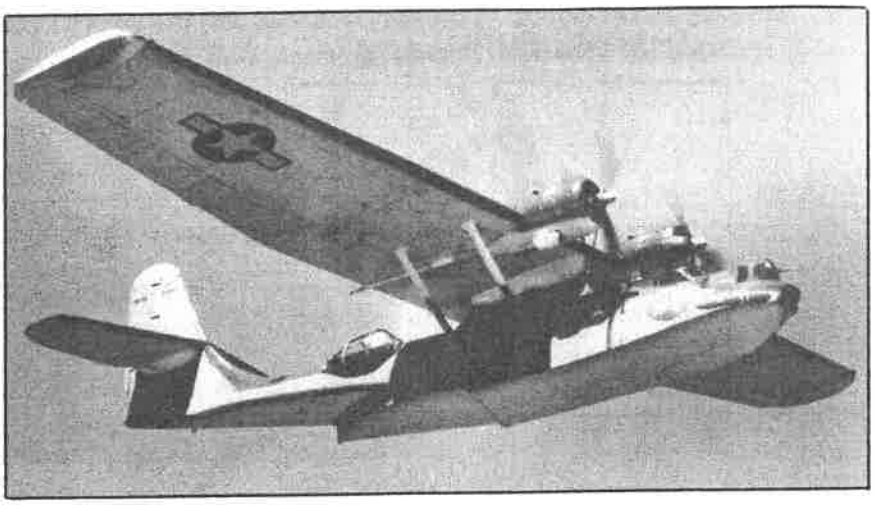
OUT OF THE PAST THIS WEEK
MARCH 5 to 11

Mar. 5, 1966 A BOAC Boeing 707 crashed on Mount Fuji, Japan killing 124 people.

Mar. 6, 1887 Reuben H. Fleet was born.

Mar. 6, 1965 A Sikorsky SH-3A took off from USS HORNET(CVS-12) at NAS North Island then landed on USS F.D. ROOSEVELT(CVA-42) off Mayport, Florida after a nonstop flight of 15 hours 51 minutes.

Mar. 7, 1918 An unmanned flying bomb was successfully launched and flown for 1000 yards at the Sperry Flying Field, Copiague, Long Island.

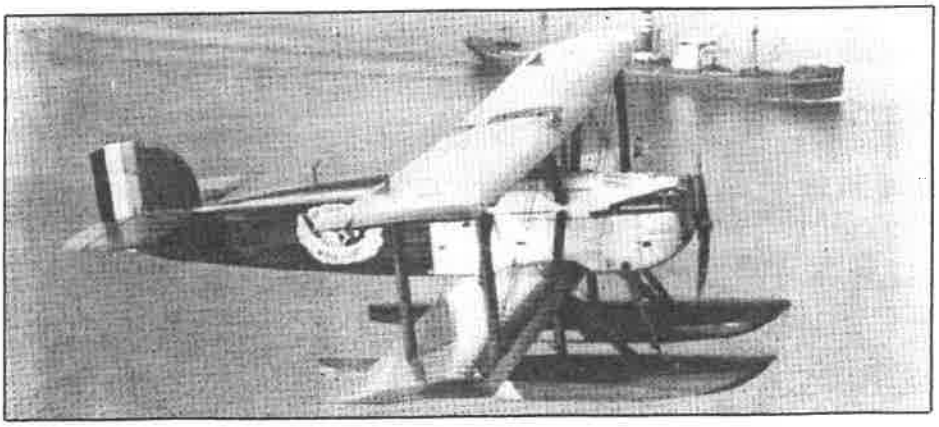


Mar. 7, 1939 The Navy ordered an amphibian version of the PBY flying boat from Consolidated. The prototype became the PBY-5A widely used in WW2.

Mar. 7, 1945 The Piasecki XHRP-X transport helicopter made its first flight at Sharon Hill, Pennsylvania.

Mar. 8, 1917 Count Ferdinand von Zeppelin died at age 79.

Mar. 8, 1921 Curtiss F-5L No. 8 made a forced landing at Hipolito Bay enroute to San Diego from the Canal Zone and was so damaged she was sunk by gunfire from the destroyer PALMER(DD-161).



Mar. 8, 1924 Before the Army's four Douglas World Cruisers began their six-month round the world saga they flew down to North Island. Pilots swung their compasses and mechanics changed engines at Rockwell Field.

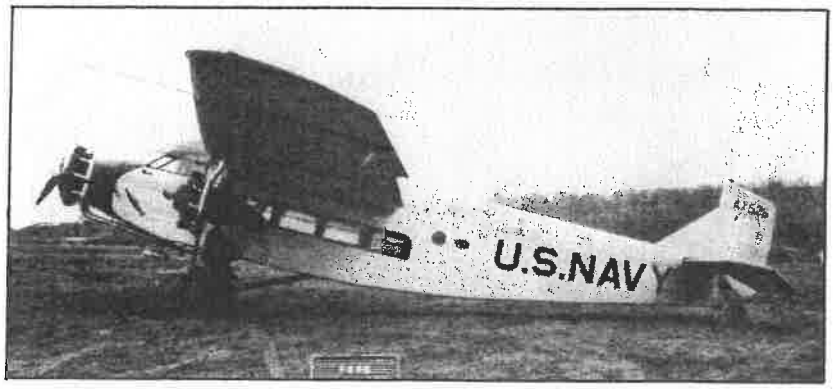
ALMOST EVERYTHING WE SAY IS TRUE

EDITOR EDWARD LEISER

Mar. 8, 1965 Some 3,500 Marines including a helicopter squadron and supporting units landed without opposition at Danang near the northern border of South Vietnam.

Mar. 9, 1911 After the Wright company offered to train one Navy pilot in exchange for the purchase of one airplane for $5,000, Lt. John Rodgers got orders to Dayton, Ohio for flight training. He became Naval Aviator No.2

Mar. 9, 1919 LCDR. E.O. McDonnell, NA 14, made the first flight from a turret platform of a Navy battleship taking off from No.2 turret on USS TEXAS at anchor off Guantanamo, Cuba in a Sopwith Camel. NA 14 stood for the 14th Naval Aviator.



Mar. 9, 1927 After a demo at NAS, Anacostia the Navy bought its first tri-motor passenger transport, the Ford JR-1.

Mar. 9, 1933 A civilian Fairchild loaded with 22 cases of Scotch whiskey crashed on a ranch five miles east of Del Mar killing the pilot.

Mar. 9, 1935 Germany officially announced the existence of the Luftwaffe.

Mar.11, 1917 The German V.G.O. 1 lost an engine then crashed during a test flight over its airfield. It had first flown on April 11, 1915 as the first giant bomber.

Mar.11, 1920 On a four hour flight from NAS, San Diego the Goodrich C-6 blimp broke a rudder cable then pilot LT. S.E. Peck made a safe landing back at the base. Retired Rear Admiral Peck lived in Chula Vista and let the museum copy his album before he died.

Mar.11, 1960 The U.S. launched the 95-pound Pioneer 5 solar satellite.

March 1910 Charles Walsh moved his unfinished pusher biplane and his family to Imperial Beach from San Diego and lived in tents. He continued working on the aeroplane and mounted the Cameron engine. The plane was his version of the Curtiss Rheims racer that Eugene Ely had flown at the Coronado Country Club in January. The area had three graded starting tracks, 19 by 600 feet, located today south of Palm Avenue and west of 15th Street covered with homes.

March 1918 At the Signal Corps Aviation School on North Island mechanics fastened an automobile-type mirror to a strut in front of the pilot cockpit. Pilots hoped to avoid midair accidents. There had been three at Rockwell Field in the past six months with two fatalities.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
FEBRUARY 26 to MARCH 4

2003

Feb. 26, 1911 First flight of the Curtiss Model D Triad by Glenn Curtiss from Spanish Bight. He landed on the sand near the Hotel del Coronado, lunched in the dining room, then flew back to North Island proving it was a "land, sea and air" aeroplane, or Triad.

Feb. 27, 1928 Cdr. T.G. Ellyson and two other officers died in a Loening amphibian crash at night on Chesapeake Bay. Ellyson had learned to fly at San Diego in 1911 and was Naval Aviator No. 1. He is buried at Annapolis.

Feb. 27, 1942 USS LANGLEY(AV-3), formerly CV-1, was sunk by Japanese aircraft near Java with 32 Curtiss P-40's aboard. She was 74 miles from Tilatjap, Java, her destination.

Feb. 28, 1918 President Wilson issued a proclamation effective in 30 days prohibiting private flying over the U.S., its territorial waters and possessions without a special license issued by the Joint Army and Navy Board of Aeronautic Cognizance.

Feb. 28, 1927 Charles A. Lindbergh made formal entry for the Raymond Orteig prize of $25,000 for the first non-stop transatlantic flight between New York and Paris or the coast lines for seaplanes.

Feb. 28, 1928 Consolidated Aircraft Corporation in Buffalo, New York got a Navy contract for the XPY-1 monoplane flying boat. It was the beginning of the PBY Catalina.

Feb. 28, 1946 First flight of the Republic XP-84 Thunderjet.

Feb. 29, 1940 The Navy initiated action to investigate the possibilities of a turbojet propulsion unit for aircraft.

Mar.1, 1870 Alexander Keith of Julian, California received U.S. Patent No. 10045 for a flying machine.

Mar.1, 1920 The first blimp flight at San Diego was made by the Goodrich C-6 from the Naval Air Station on North Island.

Mar.1, 1925 First flight of the Los Angeles-San Diego Airline from LA to Ryan Field on Dutch Flats by three Cabin-Standards. The airline flew every day until late in December 1926, the first U.S. airline to fly for over a year.

ALMOST EVERYTHING WE SAY IS TRUE

EDITOR EDWARD LEISER

Mar.1, 1942 The U-656 was the first German submarine sunk by U.S. forces in the war after being bombed by Ens. Tepuni flying a Lockheed PBO Hudson with VP-82 from Argentia, Newfoundland.

Mar.1, 1946 USS MIDWAY(CVB-41) went on Operation Frostbite off the coast of Labrador above the Arctic Circle flying Bearcats, Fireballs and other WW2 aircraft.

Mar. 2, 1912 Teenager Waldo Waterman was flying with Ens. Herbster in the Wright B-1 when the water taken into the float ran forward changing the center of gravity. They flew into Spanish bight. Neither one was injured.

Mar. 2, 1949 The first nonstop flight around the world was made by a Boeing B-50 crew when it landed at Carswell AFB, Fort Worth, Texas after a 94-hour flight with four aerial refuelings.

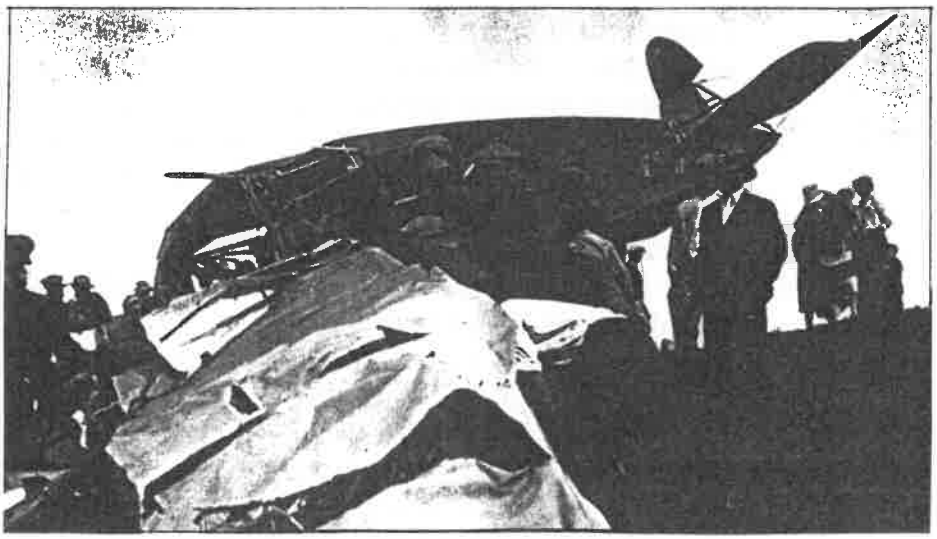
Mar. 3, 1918 The Navy first flew their Astra-Torres AT-1 dirigible at NAS Paimboeuf, France. Before the Armistice the Navy obtained 12 LTA's from the French.

Mar. 3, 1953 A Canadian Pacific de Havilland Comet crashed at Karachi, Pakistan killing 11 people, the first fatal crash of a commercial jet plane.

Mar. 3, 1974 A Turkish DC-10 jet crashed at Ermenonville near Paris killing 346 people.

Mar. 4, 1921 The Army Air Service bought the Italian semi-rigid dirigible ROMA for $200,000.

Mar. 4, 1922 The Chief Petty Officer's Club held an air show in Balboa Park. Augie Pedlar was a handcuffed wingwalker on a Standard. As they landed in the park a tourist onlooker ran out in front to take a photograph. The wing hit him in the face breaking his jaw, cheekbones and nose. He died in the hospital. Today the 1922 landing field is the zoo parking lot.



Mar. 4, 1928 The Bird Air Bus, 3225, stalled in a tight turn over Old Town and crashed killing all five on board including the pilot, W.W. Bird.

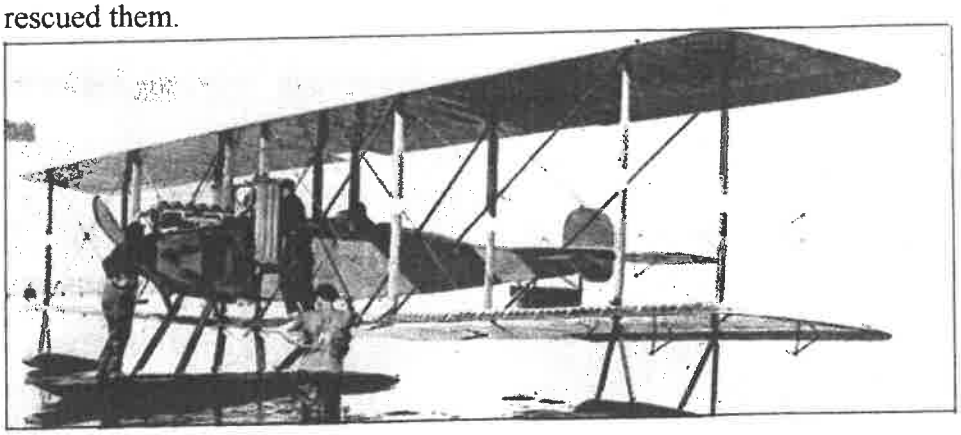
Mar. 4, 1949 The Martin JRM-2 CAROLINE MARS transported 263 passengers and the crew of six from San Diego to Alameda, a new record.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK AT SAN DIEGO 2003
FEBRUARY 19 to 25

The following are early San Diego events.

Feb.19, 1915 C.W. Webster, the Burgess Dunne test pilot, banked Roger Jannus' hydroplane at too low an altitude over San Diego bay and sideslipped into the water with his passenger. Sailors boated over promptly and rescued them.



Martin S two seat trainer

Feb. 19, 1916 Army Cpl. A.D. Smith took off San Diego bay at 6:50 a.m. in the Martin S hydroplane with a thermos bottle and 70 gallons of gasoline then landed at 3:22 p.m. after the fuel gave out, a world endurance record of eight hours, 42 minutes.

Feb.19, 1933 While visiting San Diego former Japanese Admiral Kaisuke Okada warned of a future Japanese-American war.

Feb. 20, 1922 A Navy biplane making a forced landing on the Coronado golf links skidded and turned over in the soft dirt. Lt.Cdr. Masek got a deep cut on his face and Gunner Reuschel bruised his knees.

Feb. 20, 1928 The City of San Diego sold the $650,000 airport bonds to a company in San Francisco. Work could begin on building Lindbergh Field.

Feb. 20, 1933 The Marines at North Island sent the Ford RR-2 tri-motor up for night reconnaissance with pilot Munsch and crewman Zamberlan. The museum library has Zamberlan's log book.

Feb. 21, 1918 Flying cadets at the Signal Corps Aviation School on North Island started a new stunt called Walking Over the Breakers. A high wind from the north slowed the airplanes to about 10 mph ground speed a few feet over the ocean. At times the Curtiss JN's looked stationary. But they went downwind at about 100 mph.

Feb. 21, 1923 Rear Adm. Chase and Capt. Craven on North Island watched the flyover of two squadrons of Davis-Douglas torpedo planes, two squadrons of DH-4's and one squadron of Voughts. Five DH-4's did a triple loop simultaneously. The Voughts spun down a couple hundred feet then looped and resumed formation.

Feb. 21, 1921 Army Lt. William Coney took off from Rockwell Field on North Island at 7 p.m. and began a one-stop dash to Jacksonville, Florida flying a

REMEMBER THE MUSEUM FIRE ON FEBRUARY 22, 1978.

DH-4. He got engine trouble and force-landed at Bronte, Texas, 200 miles south of Dallas.

Feb. 21, 1926 Seven members of the 514th Observation Squadron left Rockwell Field for Bakersfield to participate in the dedication of a new airport. It was the first time the Army Air Reserve pilots at San Diego had been ordered to do such a thing. One of them was Sgt. Phil Myers. He let us copy his pilot log book for the museum years ago.

Feb. 21, 1933 A second smugglers' airplane was forced down with contraband whiskey near Oceanside. San Diego Customs got both airplanes for their own pilots.

Feb. 22, 1917 The War Department selected San Diego as the first city on the Pacific coast to be equipped with a squadron of battleplanes and seaplanes as scouts for the port defenses. They were based on North Island, 35 Army planes in five hangars.

Feb. 22, 1920 Clyde Pangborn advertised in The San Diego Union.
"Pangborn Aircraft Company. Flying Field on Tijuana Boulevard. Take National City car, get off at 39th Street. For aerial taxi ride call U.S. Grant Hotel auto desk M-1900. Regular rate $10 for 15 minutes."
Pangborn owned an all-white Curtiss JN-4D. Pilot R.A. Reed worked for him. The airfield was at the approximate junction of 39th Avenue and National Avenue today.

Feb. 22, 1925 Reginald Denny, a Hollywood actor and former RAF aviator in the war, flew one of his planes to San Diego then made a personal appearance at the Superba Theatre at 3 p.m. to advertise the movie *OH, DOCTOR.*

Feb. 22, 1931 A glider carnival was held at Emerald Hills Country Club. Ten pilots flew five gliders and one sailplane down the hillside. Today the hillside is all houses and the clubhouse is now a church.

Feb. 23, 1920 A Navy crew raised a kite balloon to 1200 feet over North Island. Battleships shined their lights on it at night, a nice show for downtown San Diego.

Feb. 24, 1924 Late in the afternoon Lt. C.E. Simard force-landed his seaplane in the ocean 20 miles off San Diego. He had been towing a target sleeve for the USS OMAHA. The cruiser towed him back to town. Simard, age 30, was Naval Aviator 1604.

Feb. 24, 1929 Millionaire J.H. Whitney landed in his Sikorsky S-38 at Lindbergh Field. Wilmer Stultz was the pilot. It was the largest plane to land there, to big to roll into the only hangar.

Feb. 25, 1927 Charles Lindbergh met Franklin Mahoney, Don Hall, and Walter Locke at the Ryan factory in the abandoned fish cannery. They went to work deciding on airplane plans and specifications for an airplane to fly the Atlantic Ocean as soon as possible.

Feb. 25, 1934 Ed Morrow flew the Great Lakes 2-T, NC313Y, from Lindbergh Field for 30 minutes then logged "General review." Morrow helped build the Ryan Spirit of St.Louis in 1927 and in 1979. The museum library has a copy of his log book.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
FEBRUARY 19 to 25

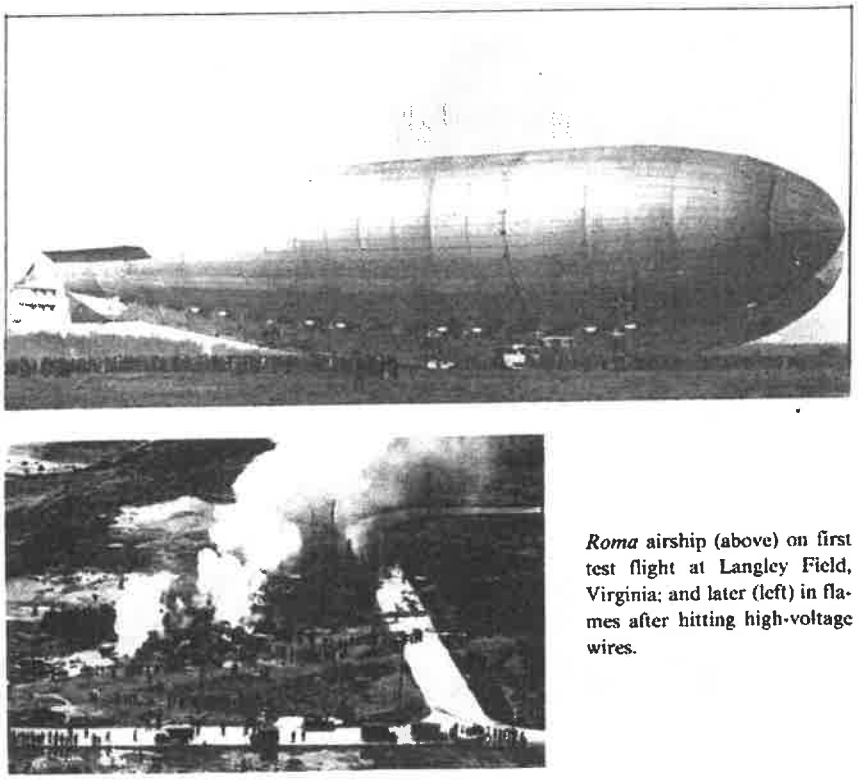
Feb.19, 1934 Army Air Corps pilots began flying the airmail around the country after the government had voided all domestic contracts with airlines because there was evidence of fraud and collusion. The pilots weren't trained for that kind of flying. Two had died in a crash in a snowstorm at night flying to their posts. Eddie Rickenbacker called it "legalized murder."

Feb.19, 1943 Vega Aircraft Company got a letter of intent initiating the development of the XP2V-1 airplane. The first Neptune flew in 1945.

Feb.19, 1985 A Spanish Boeing 727 crashed into Mt. Oiz, Spain, killing 148 people.

Feb. 20, 1962 In the first of the U.S. manned orbital flights Marine Lt.Col. John H. Glenn in Mercury-Atlas 6, Friendship 7, launched from Cape Canaveral, made three turns around the earth then landed 166 miles east of Grand Turk Island in the Bahamas. The destroyer NOA recovered Glenn then helicoptered him to USS RANDOLPH(CV-15). He is a lot older now.

Feb. 21, 1920 Clyde Pangborn opened the Pangborn Aircraft Company in National City with partner, Ralph Reed, and an all-white Curtiss Jenny. It was the second such company in town after the war. The other one was on Dutch Flats.



Roma airship (above) on first test flight at Langley Field, Virginia; and later (left) in flames after hitting high-voltage wires.

Feb. 21, 1922 The Army's Italian-built airship, ROMA, crashed at Langley Field, Virginia killing 33 of her crew.

Feb. 21, 1945 First flight of the Hawker Sea Fury.

Feb. 22-23, 1921 Jack Knight and E.M. Allison flew the first transcontinental airmail flight from San Francisco to New York in 33 hours 20 minutes in U.S.-built DH-4's.

Feb. 22, 1925 First flight of the DeHavilland Moth, G-EBKT by Geoffrey de Havilland from Stag Lane Aerodrome at Edgware, Middlesex, England.

Feb. 22, 1978 Arsonists destroyed the San Diego Aero-Space Museum and International Aerospace Hall of Fame in the 1915 all-wood Electric Building in Balboa Park with the loss of 55 aircraft and the library and archives. Nobody was hurt. It reopened on the same day in 1980 in the 1935 Ford Building in Balboa Park with just a few airplanes.

Feb. 22-23, 1930 Hawley Bowlus set an American gliding record of nine hours five minutes from Point Loma in a Bowlus sailplane.

Feb. 22, 1974 At NAS Corpus Christi Lt.(jg) Barbara Ann Allen became the first female Naval Aviator.

Feb. 23, 1909 J.A.D. McCurdy made the first aeroplane flight in Canada when he flew the Silver Dart in Nova Scotia.

Feb. 23, 1936 Consolidated Aircraft Corporation at San Diego got a contract to build the XPB2Y-1 four-engine flying boat later named the Coronado.

Feb. 24, 1921 Army 1st Lt. William D. Coney flew a DH-4 from Rockwell Field on North Island to Jacksonville, Florida in flying time of 22 hours 27 minutes stopping at Love Field, Dallas, Texas.

Feb. 24, 1934 Arnet Speer flew his Kinner K, NC13707, from Speer Airport on Barnett Avenue and took a passenger to La Quinta.

Feb. 24, 1944 Consolidated PBY's used MAD gear for the first time against a German submarine near Gibraltar and sank the U-761.

Feb. 25, 1784 The first manned balloon flight in Italy was near Milan with Andreani, Augustin and Gerli in a Montgolfiere.

Feb. 25, 1934 Ed Morrow took the Great Lakes 2-T, NC313Y, up from Lindbergh Field for 30 minutes and logged it "General review."

Martin JRM-2 *Caroline Mars* in service with VR-2. (*Peter M. Bowers*)

Feb. 25, 1949 The Martin JRM-2 Caroline Mars flying boat broke the world record for passenger lift by transporting 218 men from San Diego to Alameda.

Feb. 25, 1954 First flight of the Convair R3Y Tradewinds from San Diego bay.

Feb. 25, 1960 A Douglas R6D carrying a Navy band and AS specialists collided with a Brazilian airliner over Sugar Loaf Mountain, Rio de Janeiro, killing 26 people on the airliner and all but three men on the R6D.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
FEBRUARY 12 to 18

Feb.12, 1910 At San Diego teenagers Waldo Waterman and Kenneth Kendall moved their biplane to the Coronado Polo Field and began setting it up to fly.

Feb.12, 1912 Robert Fowler completed a transcontinental flight in a Wright B from Los Angeles to Pablo Beach, Florida in 116 days.

Feb.12, 1918 Army Lt. B.W. Maynard looped 318 times in a Sopwith Camel without losing altitude over the American assembly plant at Romorantin, France.

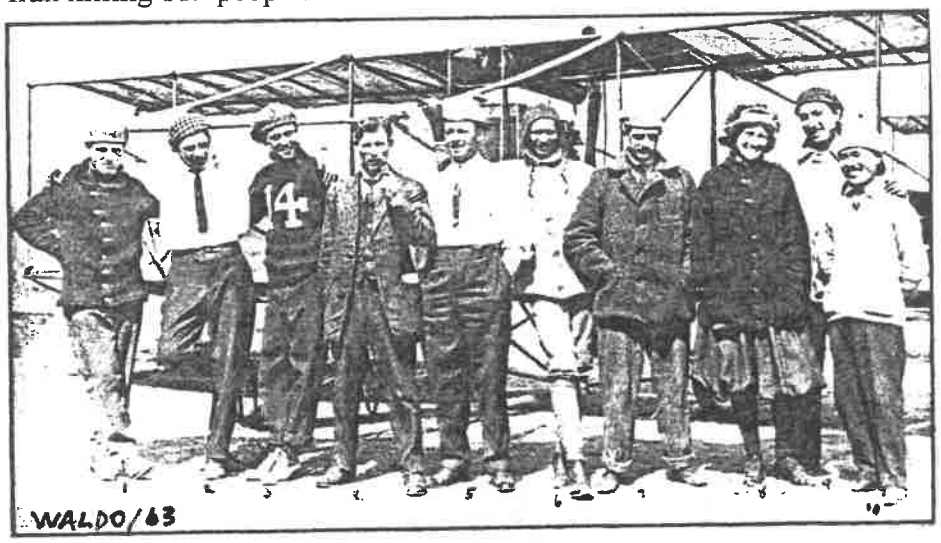
Feb.12, 1928 Charles Holman completed 1,093 loops in a Laird biplane at Minneapolis, Minnesota.

Feb.12, 1935 After severe winds caused structural failure the airship MACON(ZRS-5) crashed in the ocean three miles off Point Sur, California with two fatalities and 81 survivors. The crew had called it the Happy Ship.

Feb.12, 1936 The California Pacific International Exposition reopened in Balboa Park. The Ford Building housed the March of Transportation exhibit which included a Ryan S-T, Consolidated PB-2A, Curtiss BF2C, and the Bowlus Model A sailplane Anne Lindbergh had soloed from Mt. Soledad on January 29, 1930. Years later the Bowlus sailplane was at Hoover High School but is now lost. Anne Lindbergh died on February 8, 2001.

Feb.12, 1949 First flight of the Coward Wee Bee from Brown Field by Karl Montijo.

Feb.12, 2002 An Iran Air Tours Tu-54 crashed just before landing in Khorramabad, Iran killing 119 people.



Feb.13, 1912 Mrs. Julia Clarke, a student in the Curtiss School of Aviation on North Island, first flew the Curtiss pusher biplane. Here she is with her classmates. After she got her FAI license she died in a crash on June 17 practicing for an air meet at Springfield, Illinois.

Feb.13, 1917 Marine Capt. F.T. Evans made the first loop in a seaplane flying a Curtiss N-9 at Pensacola, Florida. He received the Distinguished Flying Cross.

Feb.13, 1923 Charles E. Yeager was born.

Feb.13, 1928 Charles Lindbergh landed the Ryan NYP back at St. Louis, Missouri after a goodwill flight since December to cities in Central and South America and the West Indies.

Feb.14, 1918 French aviator Roland Garros, a POW since April 1915, escaped from Magdeburg prison camp and flew combat again. He had developed the machine gun interrupter mechanism for fighters in 1915. After he was captured the Fokker engineers found the mechanism in his Morane parasol and put it in their fighters.

Feb.14, 1926 First flight of the Ryan M-1 by Claude Ryan from Dutch Flats, San Diego. Fifty-five years later while museum volunteers were building an M-1 in the basement Ryan came in and looked it over.

Feb.14, 1930 Twenty San Diego ladies formed the Anne Lindbergh Gliders, bought a new Bowlus sailplane then named it Good Ship Anne.

Feb.14, 1932 Ruth Nichols set an altitude record of 19,928 feet over Floyd Bennett Field, New York in a Lockheed Vega with a Packard Diesel engine.

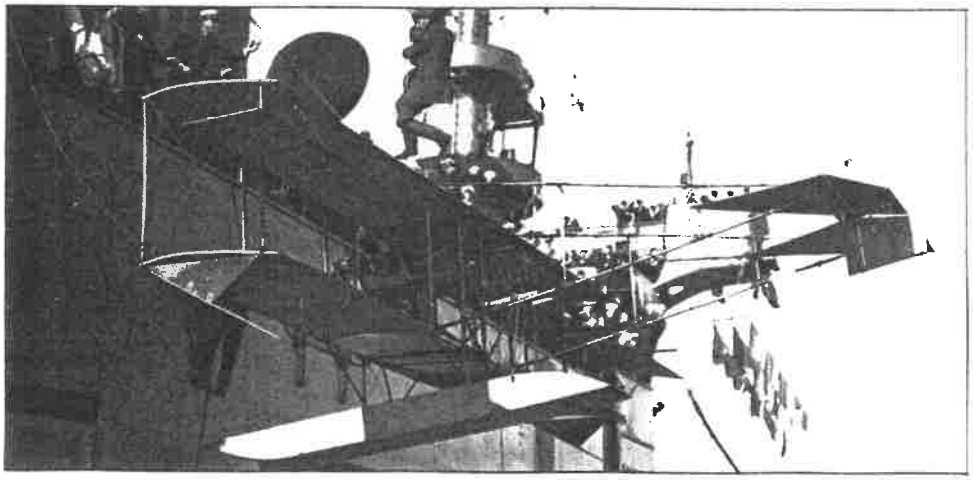
Feb. 14, 1942 Rohr Aircraft Corporation completed the first four engine power packages for Consolidated B-24 bombers in their factory at Chula Vista.

Feb.15, 1918 Over the North Sea Ensign Albert Sturtevant became the first U.S. Navy pilot to die in air combat.

Feb.16, 1911 From San Diego bay Glenn Curtiss flew his tractor hydroaeroplane around the warships then up Spanish Bight to land but descended too quickly and broke the propeller.

Feb.16 to Mar.16, 1945 The capture of Iwo Jima was supported by 14 aircraft carriers. Kamikaze pilots sank the BISMARCK SEA(CVE-95), hit LUNGA POINT(CVE-94), and seriously damaged SARATOGA(CV-3).

Feb.16, 1998 A China Airlines Airbus 300-622R crashed on approach to the airport at Taipei, Taiwan killing 203 people including six on the ground.



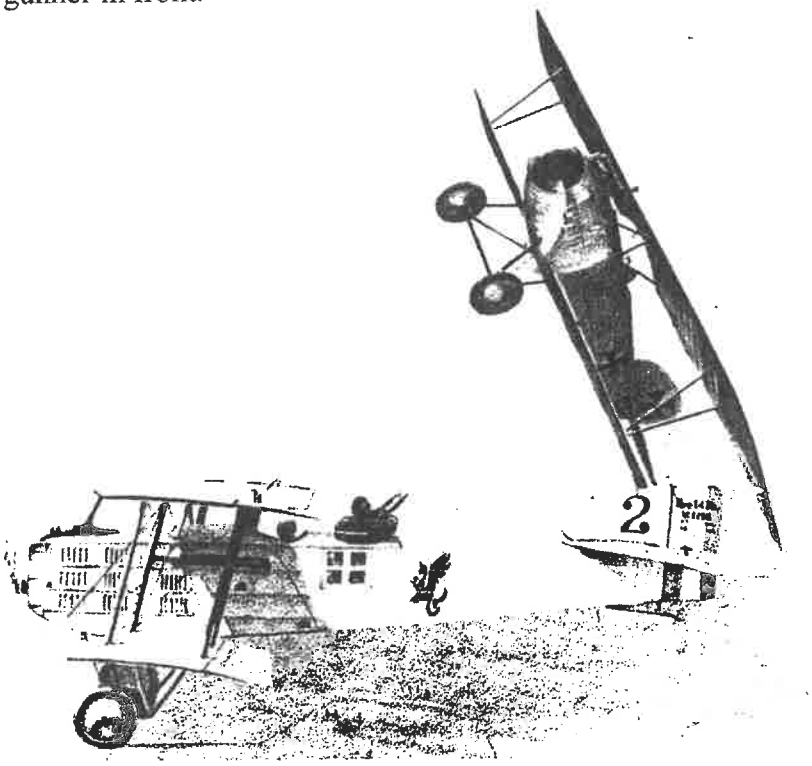
Feb.17, 1911 At San Diego Glenn Curtiss flew his tractor hydroaeroplane from North Island to USS PENNSYLVANIA anchored in the bay. Sailors hoisted him and the plane aboard to say hello to Captain Pond. After being craned back into the water Curtiss moved the plane back to North Island.

Feb. 18, 1918 The Lafayette Escadrille became the 103rd Aero Squadron.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
FEBRUARY 5 to 11

Feb. 5, 1915 The **first** true fighter plane for the Royal Flying Corps arrived in France, a Vickers F.B.5 Gunbus. It was a two-seater pusher biplane with the gunner in front.



Feb. 5, 1918 The **first** American Army air victory was scored by American gunner Lt. Stephen Thompson while flying in a French Breguet 14 with a French squadron and shooting down an Albatros D.V during a raid on Sarrebrucke, Germany. (I met Thompson in Dayton, Ohio in 1970.)

Feb. 5, 1933 During an air show at old Camp Kearny airport the Travel Air stalled after takeoff and spun into the ground killing one of the aviators.

Feb. 5, 1941 **First** flight of the Curtiss P-40F Warhawk.

Feb. 6, 1996 A Turkish Boeing 757 crashed into the Atlantic Ocean off the Dominican Republic killing 189 people.

Feb. 7, 1911 Flying his Antoinette monoplane from North Island Harry Harkness delivered a message from Maj. McManus at Fort Rosecrans to Lt. Ruhlen on the Mexico-U.S. border. It was an aviation **first.**

Feb. 7, 1916 The **first** British squadron of single-seat fighters arrived in France, D.H.2's commanded by Major Hawker.

Feb. 7, 1937 Mission Bay rose flooding Peik's Airport next to Highway 101 up to the cockpit of his OX5 Waco biplane.

Feb. 7, 1965 In retaliation for a Viet Cong attack on Pleiku RANGER, CORAL SEA and HANCOCK aircraft blasted the military barracks and staging areas near Dong Hoi in North Vietnam.

Feb. 8, 1828 Jules Verne was born in Nantes, France. He died in 1905.

ALMOST EVERYTHING WE SAY IS TRUE

EDITOR EDWARD LEISER

Feb. 8, 1894 William Bishop was born. Did he become a high-scoring ace in WW I? Some historians have a question about it.

Feb. 8, 1933 **First** flight of the Boeing 247 airliner.

Feb. 9, 1914 2ns Lt. H.B. Post took off from San Diego bay in the Wright C, S.C.10, and climbed to 12,100 feet. On the way down the upper wing crumpled and the biplane crashed in the bay. Post died. It wasn't long before the Army got rid of their Wright aeroplanes.

Feb. 9, 1934 USS MACON(ZRS-5) arrived at San Diego and moored to a mast at old Camp Kearny where MCAS Miramar is today.

Feb. 9, 1934 President Roosevelt annulled all airmail contracts and ordered the Army to start delivering the airmail. On their way to begin flying the airmail two Army pilots crashed in a snowstorm in Wyoming and were killed.

Feb. 9, 1935 The Navy ordered the Naval Aircraft Factory in Philadephia to build the XN3N-1 primary trainer, the prototype of the "Yellow Peril."

Feb. 9, 1969 **First** flight of the Boeing 747 jumbo jet at Paine Field, Seattle, Washington.

Feb.10, 1908 The Army signed a contract for its **first** military aeroplane, the Wright Model A. It is now in the National Air and Space Museum.

Feb.10, 1934 A civilian plane lost the engine a quarter mile off Del Mar then crash landed in the ocean. One of the two men died.

Feb.11, 1925 The First Pursuit Group began a week of winter maneuvers at Oscoda, Michigan flying Curtiss P-1C's off the ice with skiis.

Feb.11, 1935 USS MACON(ZRS-5) crashed at sea off Point Sur, California with the loss of two lives. Three Curtiss XF9C-2's flew to North Island after losing their mother ship. One is restored at the Pensacola museum.

Feb.11, 1943 The Ryan Aeronautical Corporation got a contract to construct three XFR-1's with a conventional radial engine and a I-16 jet engine in the tail.

Feb.11, 1943 Vought F4U Corsairs completed their **first** combat mission escorting a Consolidated PB2Y that picked up a downed pilot at Vella Lavella.

Feb.11, 1925 The First Pursuit Group began a week of winter maneuvers at Oscoda, Michigan flying Curtiss P-1C's off the ice on skiis.

Feb. 11, 1929 The Marine Curtiss OC-2 Falcon struck electric power lines near Santee then crashed killing Sgt. Nickle and Cpl. Wiley.

Feb.11, 1953 The Convair R3Y got the name Tradewinds.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
JANUARY 29 to FEBRUARY 4

January 1941 The movie DIVE BOMBER began showing in the Plaza Theatre.

Jan. 29, 1912 The Naval Aviation Camp on North Island got underway. Lt. John Rodgers was OINC with Lieutenants Ellyson, Towers and Ens. Herbster. They flew the Curtiss A-1 and A-2. The Wright B-1 was still on the train to San Diego. Those were the first three Navy aeroplanes.

Jan. 29, 1919 In a mid-air collision between a Curtiss Jenny with Lt. James Doolittle with a student pilot and Lt. George Leggett in a Thomas-Morse Scout over Ream Field at Imperial Beach, Leggett was killed. Doolittle landed safely.

Jan. 29, 1930 Anne Lindbergh flew a Bowlus Model A sailplane off Mt. Soledad in La Jolla. She became the first licensed glider pilot in the country.

Jan. 30, 1885 John H. Towers was born. Later he joined the Navy and became an aviator and an Admiral.

Jan. 30, 1891 Walter H. Beech was born.

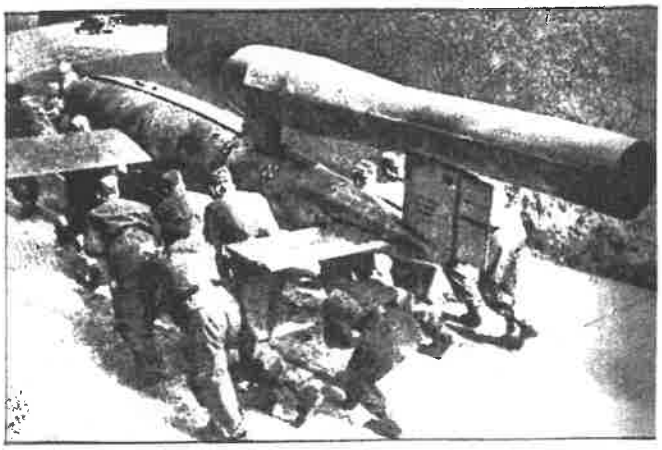
Jan. 30, 1934 Fedoseyenko, Vasenko and Usyskin set an unofficial altitude record of 70,000 feet near Moscow in the balloon *OSAVIAKHIM I* then crashed and were killed.

Jan. 30, 1942 The Marine Corps organized a glider program for the training and transportation of two battalions of 900 men each.

Jan. 30, 1944 Two squadrons of Consolidated PB2Y Coronados bombed Wake Island that day and three more times in February.

Jan. 30, 1948 Orville Wright died.

Jan. 31, 1939 After being on North Island since 1913 the Army moved its last property to Sacramento leaving all of North Island to naval aviation.



An original German V-1 being pushed to the launch pad.

Jan. 31, 1946 The first missile launched at Naval Air Facility, Point Mugu, California, was a Loon, a copy of the German V-1 pulse jet. The old museum had one on exhibit. In 1953 U.S. Navy Globe KD2G-2 pulse jet target drones were the same design only smaller.

Jan. 31, 1958 The first U.S. satellite, the 19-pound Explorer I, was launched. It reentered the atmosphere on March 31, 1970.

ALMOST EVERYTHING WE SAY IS TRUE

EDITOR EDWARD LEISER

Jan. 31, 1961 A Marine Corps helicopter recovered a Mercury capsule at sea carrying the chimpanzee Ham after being launched by a Redstone rocket from Cape Canaveral. He completed a 15-minute flight reaching 155 miles up and 420 miles down range.

Jan. 31, 1971 Apollo-Saturn 14 made the third moon landing with Astronauts Shepard and Mitchell. They collected 96 pounds of lunar samples while Mitchell flew the spacecraft. They landed back on earth on February 9.

February 1938 Across from Lindbergh Field was the Aircraft Café at 3403 Pacific Highway. The café advertised hot lunch for 25-cents with 10-cent milkshakes. They opened at 5:30 a.m. and closed at 2:00 a.m.

February 1940 Douglas TBD's from VT-5 practiced bombing USS UTAH(AG-16), a former battleship off San Diego. Old museum volunteer Bob Brannon was a sailor aboard the ship.

Feb.1-2, 1919 The World's Greatest Flying Circus was held by Army aviators at Rockwell Field on North Island.

Feb.1, 1939 USS LANGLEY(AV-3), the first U.S. Navy aircraft carrier converted to seaplane tender, moved to the East Coast and never came back.

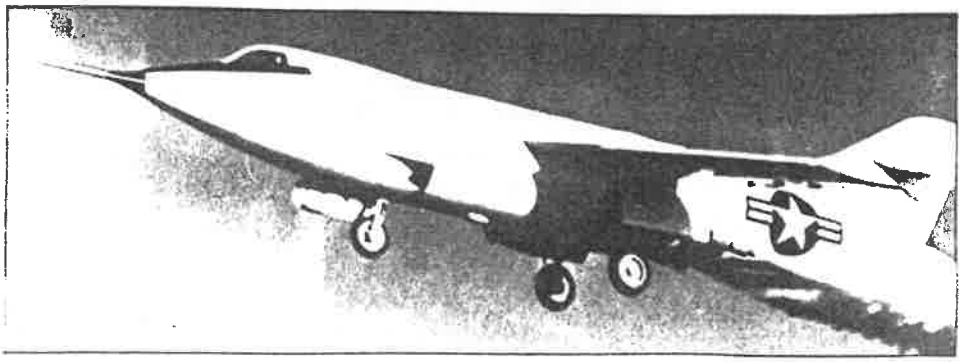
Feb.1, 1941 The first Rohr Aircraft Corporation building was completed at the foot of H Street, Chula Vista. It closed Chula Vista Airport.

Feb. 2, 1954 First flight of the Lockheed XF-104 Starfighter.

Feb. 4, 1902 Charles A. Lindbergh was born. He died in 1974.

Feb. 4, 1944 The Goodyear K-29 blimp landed aboard USS ALTAMAHA(CVE-18) underway near San Diego, the first non-rigid to land aboard ship.

Feb. 4, 1947 First flight of the Convair XB-46 by San Shannon from Lindbergh Field. It had four J-35 jet engines. Only one was built.

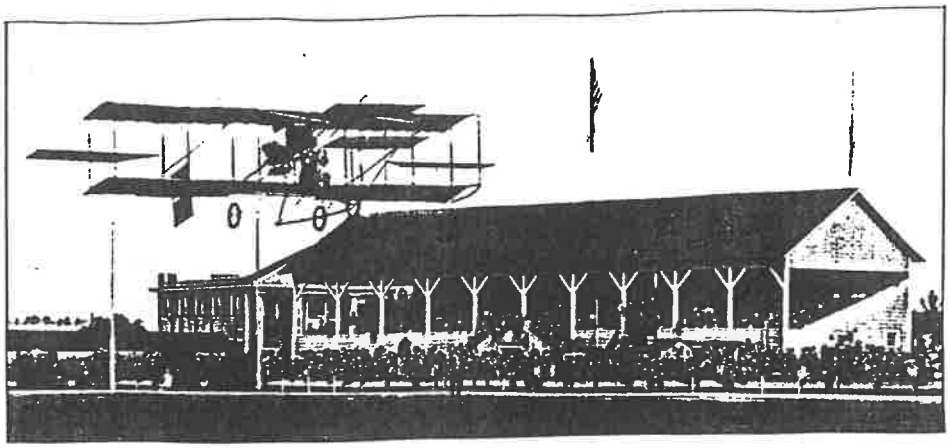


Feb. 4, 1948 First flight of the Douglas D-558-2 Skyrocket.

Feb. 4, 1956 An All-Nippon Boeing 727 plunged into Tokyo Bay killing 133 people.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
JANUARY 22 to 28



Jan. 22-25, 1910 The first aeroplane flown at San Diego was in the Air Meet held at the Coronado Country Club polo ground. Charles Hamilton flew the 1909 Curtiss Rheims racer in several shows, flew to Tijuana and back, and gave local aviator-to-be Charles Walsh a ride on the wing after he had wrecked his homebuilt monoplane on takeoff.

Jan. 22, 1925 Fighting Squadron 2 began landing practice on USS LANGLEY(CV-1) off San Diego flying Vought VE-7SF's, the first U.S. Navy squadron to operate from a carrier.

Jan. 22, 1973 A chartered Boeing 707 burst into flames as it landed at Kano Airport, Nigeria killing 178 people. Crashing is dangerous.

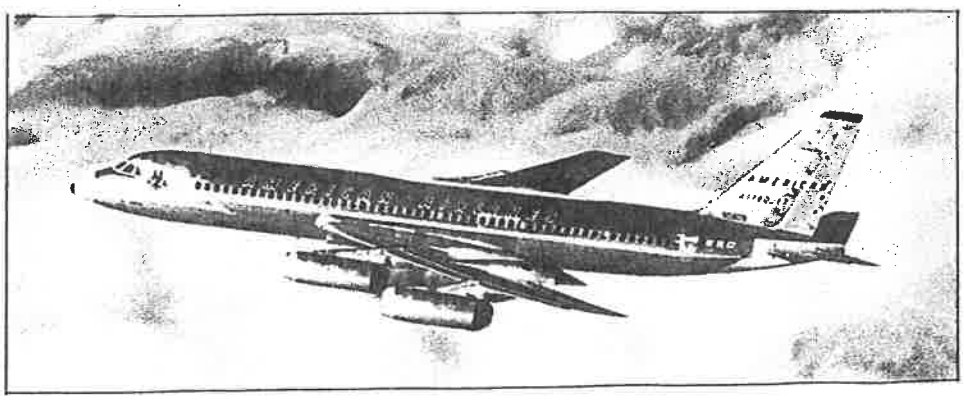
Jan. 23, 1939 Patrol Squadron 1 completed a flight from San Diego to Coco Solo then to San Juan Bay, Puerto Rico with 48 Consolidated PBY's commanded by Captain M. Mitscher.

Jan. 23, 1950 Convair activated the Atlas missile program at San Diego.

Jan. 24, 1888 Ernst Heinkel was born.

Jan. 24, 1913 A Curtiss N tractor biplane, the first Army Curtiss biplane, was delivered to the Signal Corps Aviation School on North Island.

Jan. 24, 1939 H.L. Child in a Curtiss Hawk 75A set a speed record of 575 mph diving from 22,000 feet over Buffalo, New York.



Jan. 24, 1961 First flight of the Convair 990 by Don Germeraad from Lindbergh Field. The company folded shortly thereafter.

ALMOST EVERYTHING WE SAY IS TRUE

EDITOR EDWARD LEISER

Jan. 25, 1910 At Coronado Country Club Charles Hamilton gave local lady Mrs. Sefton a ride in the Curtiss Rheims racer sitting on the wing beside him. She was the first woman to fly at San Diego.

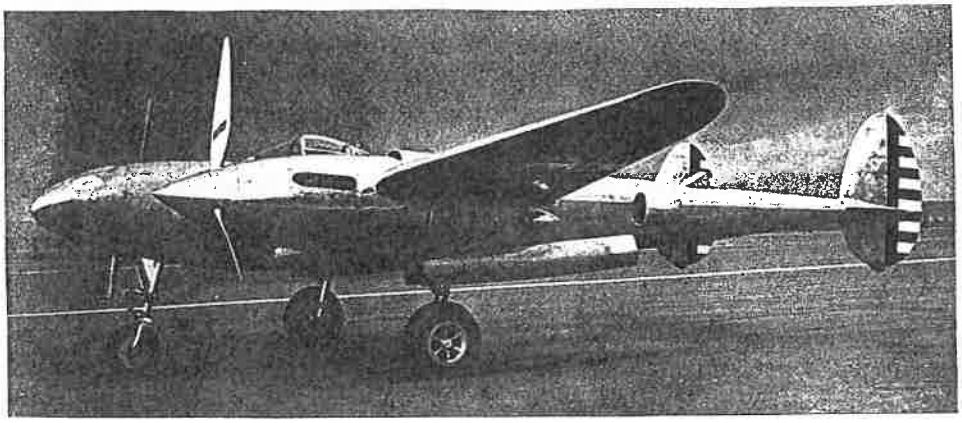
Jan. 26, 1887 Marc Mitscher was born.

Jan. 26, 1911 The first aeroplane to taxi, takeoff and land on water was a Curtiss hydroaeroplane flown by Glenn Curtiss from Spanish Bight at North Island.

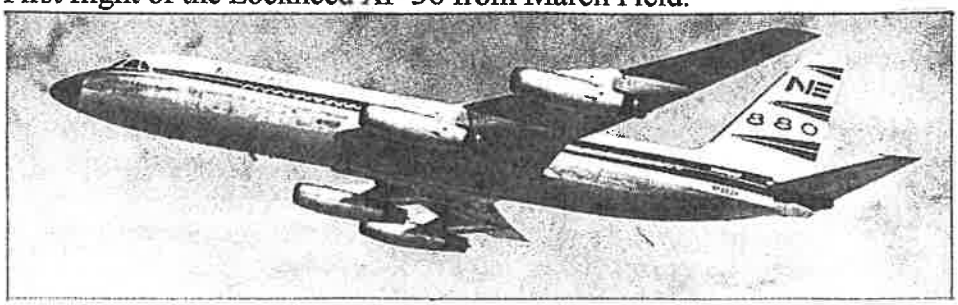
Jan. 26, 1918 To provide a "parasite" fighter to defend a Zeppelin an Albatros D.III was suspended below the L.35 and successfully dropped in the air.

Jan. 26, 1929 First flight of the Bowlus Model S.P.1 sailplane from Lindbergh Field by Hawley Bowlus. A reproduction hangs in the museum.

Jan. 27, 1928 The German-built dirigible USS LOS ANGELES(ZR-3) successfully landed on the deck of USS SARATOGA(CV-3) near Newport, R.I.



Jan. 27, 1939 First flight of the Lockheed XP-38 from March Field.



Jan. 27, 1959 First flight of the Convair 880 by Don Germeraad from Lindbergh Field.

Jan. 28-29, 1911 Glenn Curtiss, Eugene Ely and Hugh Robinson flew two Curtiss pushers during the Air Meet at the Coronado Country Club polo ground.

Jan. 28, 1915 The Revenue Cutter Service and the Life Saving Service merged into today's Coast Guard.

Jan. 28, 1928 The Navy gave the new Martin MO-1, A6641, to San Diego High School. The large monoplane was vandalized into junk that summer.

Jan. 28, 1937 Twelve Consolidated PBY-1's of VP-6F flew from San Diego to Honolulu.

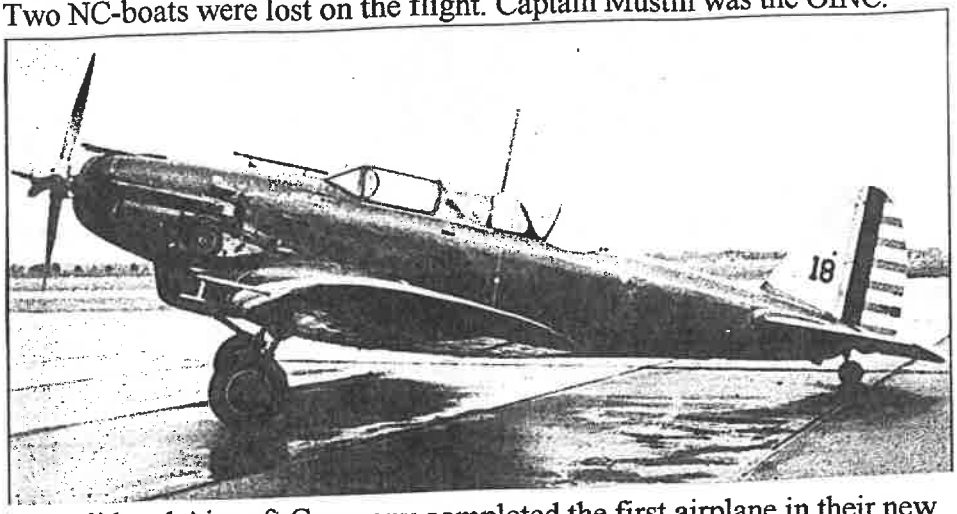
Jan. 28, 1986 Challenger 51-L carrying Scobee, Smith, Resnik, Onizuka, McNair, Jarvis and Christa McAuliffe exploded 73 seconds after takeoff from Cape Canaveral. All were killed.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
JANUARY 15 to 21

Jan.15, 1912 The Naval Aviation Detachment established "Camp Trouble" on North Island with officers Ellyson, Towers, Richardson, Rodgers and Herbster, flying the Curtiss A-1, A-2 and the Wright B-1, the only Navy aeroplanes. Ensign Herbster learned to fly there becoming Naval Aviator No. 4. They left on May 3 for Annapolis.

Jan.15, 1921 Twelve Curtiss F-5L flying boats completed a 3,200-mile flight to the Canal Zone with nine stops after leaving San Diego on December 30. Two NC-boats were lost on the flight. Captain Mustin was the OINC.



Jan.15, 1936 Consolidated Aircraft Company completed the first airplane in their new factory on Lindbergh Field. The Air Corps bought 50 of the PB-2A two-seat pursuit monoplanes.

Jan.16, 1917 Manfred von Richthofen with 16 victories was awarded the *Pour le Merite,* the highest German medal. Then he was flying an Albatros D.III with two fixed Spandau machine guns.

Jan.16, 1951 Convair established Project MX-1593 at San Diego, the study phase for an intercontinental missile, the Atlas rocket.

Jan.17, 1886 Glenn L. Martin was born.

Jan.17, 1915 At San Diego aviators with a sense of humor formed the Brotherhood of Fractured Birdmen. They included Lincoln Beachey, Glenn Martin, Lewis Goodier, Hugh Robinson and Harold Geiger.

Jan. 26, 1926 Establishment of the Daniel Guggenheim Fund for the Promotion of Aeronautics.

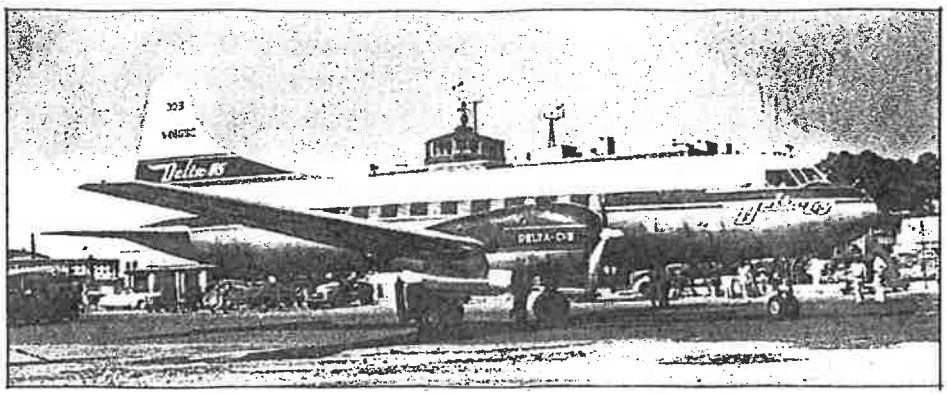
Jan.18, 1888 Thomas L. Sopwith was born. Volunteers have been building a Sopwith Pup at Gillespie Field.

Jan.18, 1911 The first aeroplane to land on a ship was a Curtiss pusher flown by Eugene B. Ely aboard the after deck of USS PENNSYLVANIA anchored in San Francisco bay. Then he took off the armored cruiser and landed back at Selfridge Field. (There was a Selfridge Field at that location.) On February 16, 1932 Ely posthumously received the Distinguished Flying Cross

CORRECTION. Mike Wilson caught it. On January 2, 1948 two Lockheed P-80's, NOT P-38'S, reached 778 mph in tailwinds over Japan.

ALMOST EVERYTHING WE SAY IS TRUE

EDITOR EDWARD LEISER



Jan.18, 1952 At Lindbergh Field the Convair 340 completed its first flight.

Jan.19, 1915 In the first Zeppelin raid on England naval airships L.3 and L.4 bombed the Yarmouth and Norwich areas.

Jan.19, 1920 The 91st Aero Squadron landed their DH-4's on Ream Field at Imperial Beach. It was their base until October for border patrol, gunnery, formation practice and parachute jumping. One of the pilots, Lt. James Krull, had taught Maj. Reuben Fleet to fly at North Island in 1917. Krull visited the old museum in the 1970's before he died. The museum has one of his pilot logbooks flying DH-4's.

Jan.19, 1938 Howard Hughes flew from Burbank, California to Newark, New Jersey in the Hughes Special in seven hours 28 minutes, 25 seconds, a new transcontinental record.

Jan.19, 1938 Seventeen Consolidated PBY-2's flew nonstop from San Diego to Honolulu in 20 hours 12 minutes.

Jan. 20, 1914 At Pensacola, Florida Lt. J.H. Towers with eight officers, 23 men, seven aeroplanes, and portable hangars, began setting up a flying school.

Jan. 20, 1922 USS LANGLEY(CV-1) was commissioned at Norfolk, Virginia.

Jan. 20, 1932 The amphibian from North Island took off in the dark and flew into the foremast of a destroyer moored in the harbor killing the pilot.

Jan. 21, 1930 First flight of the Solar XM-1 from Lindbergh Field by Douglas Kelley.

Jan. 21, 1976 Simultaneous inaugural flights by supersonic Concordes of Air France and British Airways.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
JANUARY 8 to 14

January 1902-1911 There were a total of 122 fatal air accidents. Of those 75 were HTA. In 1911 there were 23 fatal HTA and only one fatal LTA.

Jan. 8, 1921 William T. Piper was born.

Jan. 8, 1944 Milo Burcham completed the first flight of the Lockheed P-80 at Muroc Dry Lake, California.

Jan. 8, 1996 An Antonov AN-32 cargo jet crashed into a central market at Kinshasha, Zaire killing more than 350 people. Flying is safe but . . .

Jan. 9, 1793 Jean-Pierre Blanchard made the first free balloon ascent in the U.S. from Philadelphia to Woodbury, New Jersey carrying a letter from President George Washington.

Jan. 9, 1923 Juan de la Cierva made the first successful flight of a gyroplane at Getafe, Spain.

Jan. 9, 1951 Two Grumman F9F-2 Panthers flamed out. One reached NAAS Miramar. The other landed short of the runway.

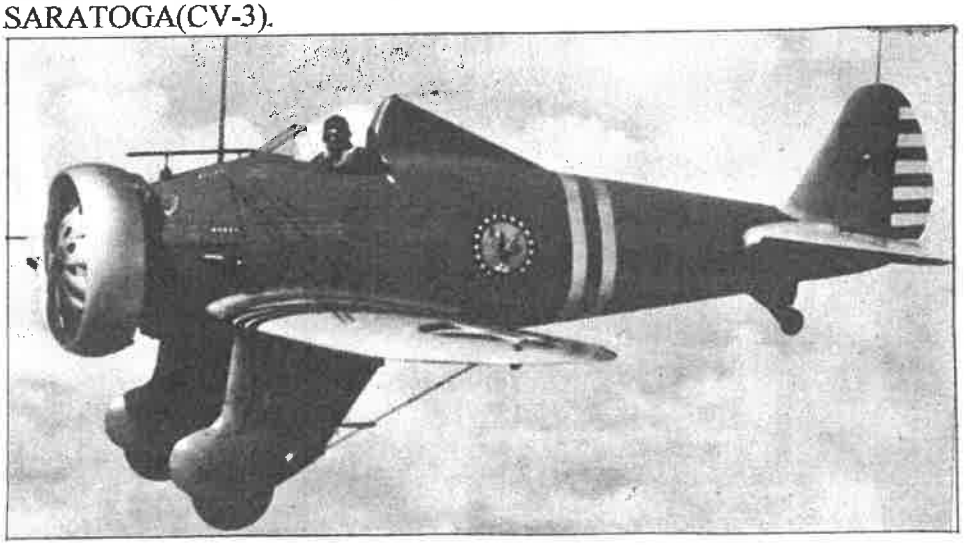
Jan.10, 1784 The ascent of the first giant balloon, a Montgolfiere named *Le Flessele.*

Jan.10, 1910 The first American air meet opened at Los Angeles under the auspices of the Aero Club of America.

Jan.10, 1917 On a flight from North Island to Arizona Army pilot Lt. Robertson and Col. Bishop got lost and force-landed their Curtiss N-8 in Mexico. They were found weak and alive eight days later.

Jan.10-11, 1934 Six Consolidated P2Y-1 flying boats of VP-10F flew nonstop from San Francisco to Pearl Harbor for a seaplane distance record of 2,399 miles in 24 hours 56 minutes.

Jan.11, 1928 LCDR. Mitscher landed the first airplane on the deck of USS SARATOGA(CV-3).



Jan.11, 1933 The Air Corps contracted with Boeing Airplane Company for 111 P-26A's, the first all-metal Air Corps production fighter plane.

ALMOST EVERYTHING WE SAY IS TRUE

EDITOR EDWARD LEISER

Jan.11-12, 1935 Amelia Earhart made the first solo flight from Hawaii to the U.S. by flying a Lockheed Vega from Wheeler Field, Honolulu to Oakland, California in 18 hours 16 minutes.

Jan.11, 1947 First flight of the McDonnell XF2H-1 Banshee.

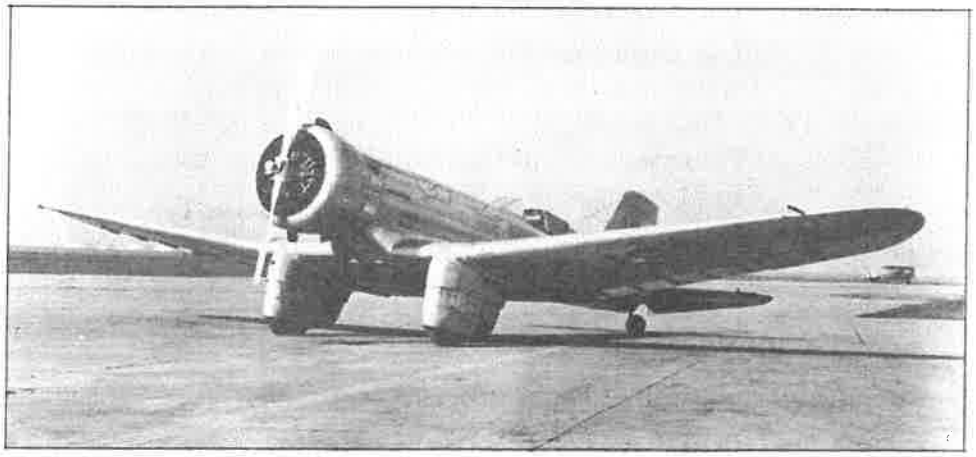
Jan.12, 1916 Both Boelcke and Immelmann received the Pour le Merite that day. Each had eight victories in the aerial war over France.

Jan.12, 1973 VF-161, flying off USS MIDWAY, shot down a MiG-21, the last of a total 57 MiGs shot down by USMC and Navy aviators in the Vietnam conflict.

Jan.12, 1987 While flying from Brown Field to Ramona Airport the Mooney M-20C engine lost oil pressure at 1300 feet about 10 miles south of Spring Valley. The pilot, Robert DePuy, 75, touched down on Sweetwater Road just north of Ildica Street at about 10:15 a.m. The wing hit a car leaving the wingtip embedded in the windshield. The lady driver was cut and bruised. DePuy was unhurt.

Jan.13, 1930 Hawley Bowlus set an American glider record of six hours 19 minutes off Point Loma, San Diego in a Bowlus sailplane.

Jan.13, 1936 A civilian airplane crashed on the causeway near Speer Airport at Barnett and Midway in San Diego killing the pilot.



Jan.13-14, 1936 Howard Hughes set a west-east and non-stop transcontinental record from Burbank, California to Newark, New Jersey in nine hours 26 minutes flying a Northrop Gamma.

Jan.13, 1942 After the first flight of the Army Sikorsky XR-4 helicopter it was flown by easy stages from Stratford, Connecticut to Wright Field at Dayton. That was the world's first long-distance helicopter cross-country flight.

Jan.14, 1926 During their third loop over San Diego the Vought UO wings collapsed. Lt. Kahn and Seaman 1/C Law died in the crash in the bay.

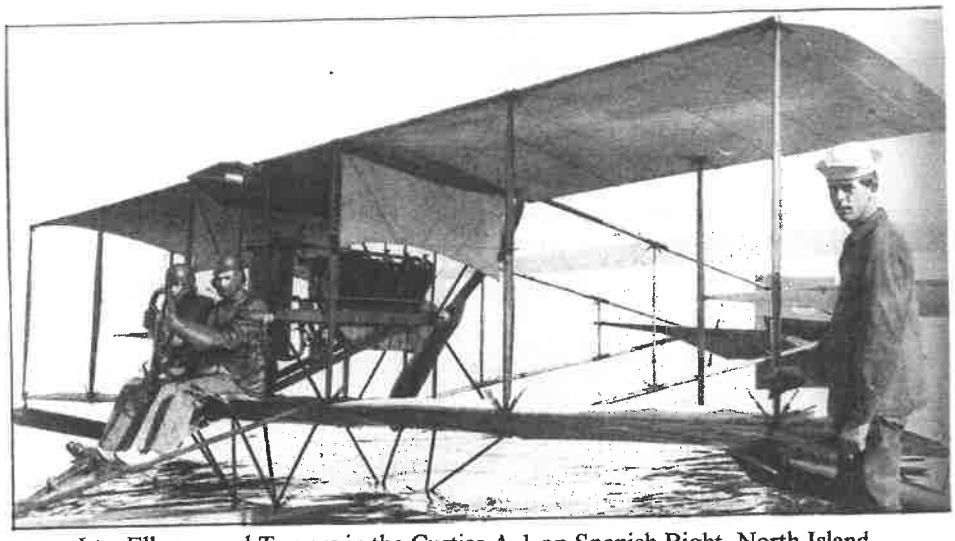
Jan.14, 1930 During VF-6B gunnery practice from USS SARATOGA(CV-3) Boeing F3B pilots fired bullets that hit homes and businesses in La Jolla.

Jan.14, 1943 USS INDEPENDENCE(CV-22) was commissioned at Philadelphia, PA. It was sunk in a weapons test on January, 29, 1951.

Jan.14, 1947 The National Star insigne got a horizontal red stripe on the white horizontal bars.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
JANUARY 1 to 7



Lts. Ellyson and Towers in the Curtiss A-1 on Spanish Bight, North Island.

January 1912 The Navy established an Aviation Camp on North Island with the first three Navy aeroplanes, the Curtiss A-1 and A-2, and the Wright B-1. The officers were Ellyson, Herbster, Richardson, Towers and Rodgers. They lived for four months in tents and named the place Camp Trouble.

Jan.1, 1922 Anyone in the U.S. could fly any sort of airplane even with passengers, so hundreds of people were killed before the government began registration in 1927. On this date the Underwriters' Laboratories, Inc., in Chicago started the registry of aircraft and pilots after they passed inspections and tests for insurance companies. For instance, an insured surplus Avro 504K was marked N-ABCC. N stood for USA. The registry did not last long. Too few people wanted to buy insurance.

Jan.1, 1927 The Navy commissioned Fighting Squadron 2(VF-2) with four Naval Aviators and ten enlisted pilots to test the feasibility of a squadron of enlisted men. It was. Some were still flying in 1948.

Jan.1, 1949 The CAA modified civil aircraft markings. The new ones consisted of only the letter N for USA followed by the registration number.

Jan.1, 1978 An Air India Boeing 747 exploded then crashed in the sea off Bombay, India killing 213 people. Crashing is dangerous.

Jan. 2, 1929 Bobbie Trout, 18, set an endurance record for women of 12 hours, 11 minutes in a two-seater, open cockpit Golden Eagle Chief biplane over Los Angeles. She visited the museum about ten years ago.

Jan. 2, 1939 San Diegans dedicated Torrey Pines Soaring Field at the end of a three-day competition.

Jan. 2, 1948 Two Lockheed P-38's attained 778 mph with tail winds over Japan.

Jan. 3, 1898 Tubal Claude Ryan was born. He died on September 11, 1982.

Jan. 3, 1909 Wilbur Wright flew passengers in the Wright at Le Mans, France.

Jan. 3, 1911 Glenn Curtiss and Lt. Ellyson visited North Island. Curtiss decided the island was large enough for his aviation school. Spanish Bight between

North Island and Coronado provided a safe area to experiment with a hydro-aeroplane.

Jan. 3-22, 1944 The invasion of Luzon, P.I., was supported by 17 escort carriers. Kamikaze pilots sank one carrier and damaged three others.

Jan. 3, 1944 Airline companies complained that Lindbergh Field was unsafe for landings and takeoffs so the CAA stopped airline service. It reopened on January 15.

Jan. 3, 1956 At NARTU, Atlanta, Georgia the last operational Navy Consolidated PBY-6A Catalina was ordered retired from service. It was probably built at New Orleans. I remember we had two at Kodiak, Alaska in 1952.

Jan. 3, 1969 Light Attack Squadron 4 was commissioned at NAS North Island flying OV-10A Broncos. They operated in the Mekong Delta, South Vietnam.

Jan. 4, 1895 Leroy R. Grumman was born.

Jan. 4, 1915 At San Diego the Jannus Flying Service began at the foot of Market Street with two flying boats. A round trip to Pacific Beach was $30.00.

Jasn. 4-9, 1931 Bobbie Trout and Edna Cooper set a women's refueling duration record of 123 hours in a Curtiss Robin over Los Angeles.

Jan. 5, 1915 Army Lts. Carberry and Christie set an altitude record over San Diego of 11,690-feet in the Curtiss N, S.C. No. 35.

Jan. 6, 1930 Hawley Bowlus set an unofficial gliding record of five hours 27 minutes over Point Loma in a Bowlus sailplane.

Jan. 6, 1971 The NAVY/USMC bought the AV-8 Harrier, the first VSTOL fixed wing airplane ever accepted as a combat airplane by the U.S.

Jan. 7, 1785 Jean-Pierre Blanchard with his passenger, Dr. John Jeffries, completed the first crossing of the English Channel in a hydrogen balloon. They left Dover then landed 12 miles from Calais.

Jan. 7, 1914 The Army established the 1st Aero Squadron at North Island with two Burgess tractors, a Curtiss tractor and three pushers. Lt. Foulois was CO.

Jan. 7, 1930 A VJ-1 Loening amphibian from North Island crashed into San Diego bay near the Santa Fe Railway shops in National City. Both crewmen died.

Jan. 7, 1943 Development of the first Navy aircraft with turbojet engines was initiated by McDonnell Aircraft Corporation. The XFD-1with two engines became the FH-1 Phantom.

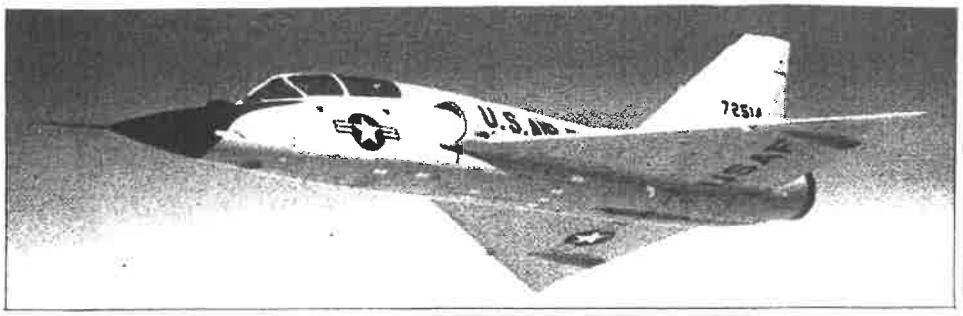
THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
DECEMBER 25 to 31

Dec. 25, 1642 Isaac Newton was born near Grantham, Lincolnshire, England.

Dec. 25, 1915 Manfred von Richthofen passed his pilot's tests.

Dec. 25, 1923 T.C. Macaulay flew a Curtiss JN-6 up to the Camp Kearny veteran hospital then unloaded 300 presents on the old parade ground. Volunteers delivered them to the patients in the various wards.

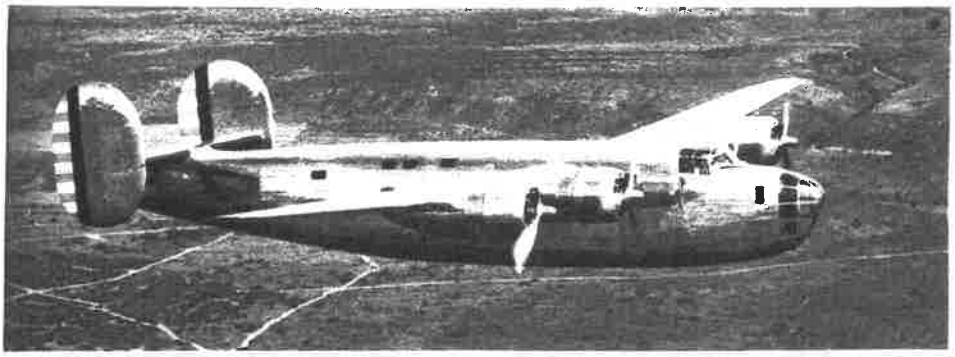


Dec. 26, 1956 First flight of the Convair F-106A for 20 minutes by Richard Johnson from Edwards AFB.

Dec. 27, 1929 The Norden Mk. XI bombsight was the best one yet.

Dec. 27, 1968 Apollo 8 splashed down in the Pacific after it historic flight around the moon with Frank Borman, James Lovell and William Anders. A helicopter from USS YORKTOWN(CVS-10) picked them up.

Dec. 28, 1913 For the second annual Mackay Trophy contest prize four Army pilots took off from North Island in the Curtiss E and Curtiss G for a camp established at Encinitas. Then they would try to locate troops and deliver the information to their CO to win the trophy. Taliaferro and Muller lost. Carberry and Seydel won.



Dec. 29, 1939 First flight of the Consolidated XB-24 piloted by William Wheatley from Lindbergh Field.

Dec. 29, 1972 An Eastern Air Lines Lockheed Tristar crashed on approach to Miami International Airport killing 101 people. Flying is safe, but . . .

Dec. 30, 1920 to Jan. 15, 1921 The Curtiss NC-5, NC-6, and 12 Curtiss F-5L's took off from San Diego bay then flew to the Canal Zone with nine stops along the way commanded by Capt. H.C. Mustin. Both NC-boats were lost on the way. Eleven F-5L's returned in March. One crewman was killed.

ALMOST EVERYTHING WE SAY IS TRUE

EDITOR EDWARD LEISER

Dec. 30, 1930 Robert Goddard launched the first of his rockets from New Mexico. It reached an altitude of 2000-feet and 500 miles per hour.

Dec. 30, 1934 Rollie Tyce flew his Great Lakes 2-T, NC11319, from Chula Vista Airport for one hour five minutes. Grace Prescott flew her Fairchild 22, NC12625, from Linda Vista Airport for one hour 35 minutes.

Dec. 31, 1908 Wilbur Wright flew a Wright biplane 77 miles at Le Mans, France winning the Michelin Trophy and setting up a new world record.

Dec. 31, 1917 McCudden downed two Rumplers and an LVG raising his score to 35.

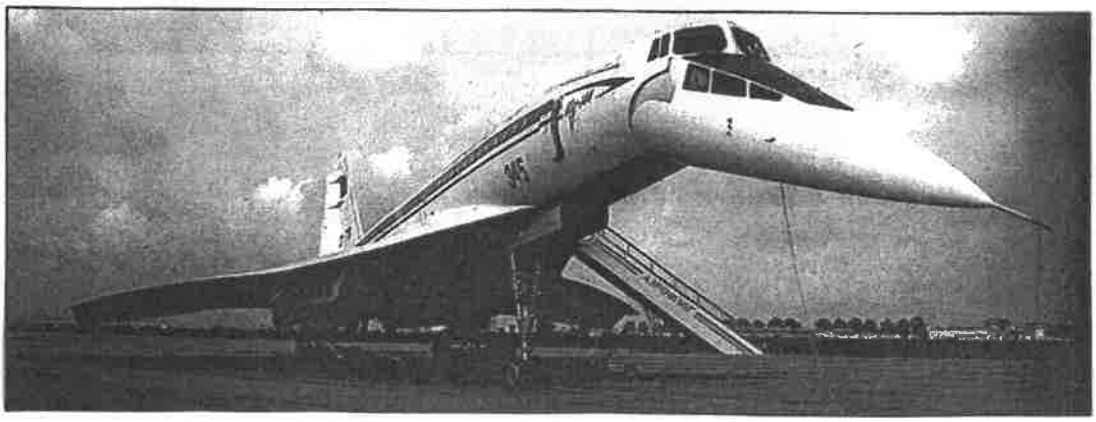
Dec. 31, 1919 A Curtiss F-5L flying boat flown by Crinkley and Irvine left San Diego and completed a round trip to San Pedro with Navy mail.

Dec. 31, 1926 The Department of Commerce began regulating civilian aviation by inspecting airplanes and testing pilots before granting licenses for one year. Aircraft got registration numbers on wings and tails. N stood for USA. C stood for Commercial and was used until 1949. S stood for State or Federal government and was used until 1937. X stood for special purpose, then Experimental and was used until 1949. P stood for Private but was cancelled in March 1927. Remember N-X-211 in 1927?

Dec. 31, 1938 First flight of the Boeing 307 Stratoliner by Julius Barr, the first airliner with a pressurized cabin.

Dec. 31, 1938 The first of a two-day glider meet at Torrey Pines Soaring Field.

Dec. 31, 1942 The USS ESSEX(CV-9) was commissioned at Norfolk, Virginia.



Dec. 31, 1968 First flight of the Tupolev TU-144 supersonic airliner, the first supersonic airliner to fly.

HAPPY NEW YEAR

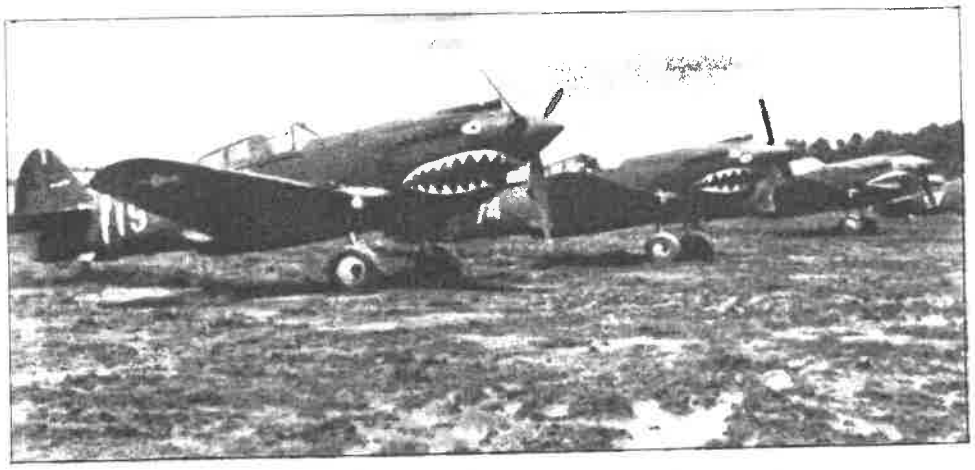
THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
DECEMBER 18 to 24

Dec.18, 1965 After 14 days in orbit Gemini 7 landed in the western Atlantic. Helicopters delivered Borman and Lovell to USS WASP with a new duration record in manned space flight.

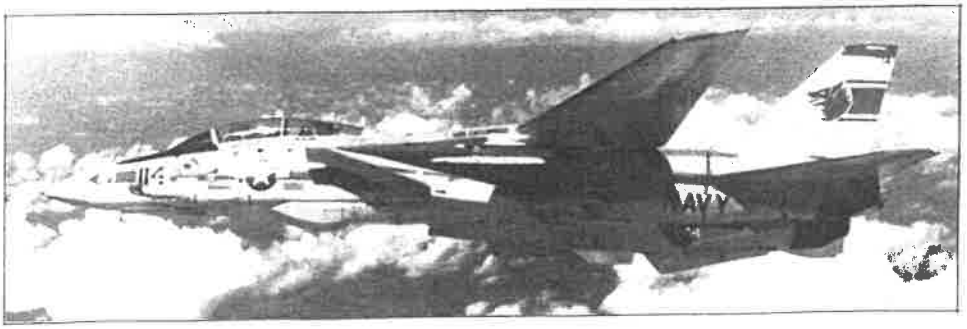
Dec.19, 1934 The first Ryan S-T, NC14223, crashed on the mudflats near the Marine Base, San Diego killing student pilot Sanford Baldwin.

Dec.19, 1972 The Apollo 17 crew splashed down and were recovered by helicopters from USS TICONDEROGA. It was the last Apollo mission.



Dec. 20, 1941 Ten Curtiss P-40B's flown by American Volunteer Group pilots in China had their first combat with Japanese planes. They met ten Mitsubishi bombers at 22,000 feet over Kunming and shot down nine of them. Chinese newspapers began calling them the Flying Tigers, a national symbol of authority, courage, military prowess and the ferocity needed for protection. Former Air Corps officer Claire Chennault was their leader. The Tigers flew for only seven months.

Dec. 21-27, 1968 Apollo-Saturn 8 with Borman, Lovell and Anders made the first lunar orbit and televised views of the lunar surface to earth.



Dec. 21, 1970 First flight of the Grumman F-14 Tomcat.

Dec. 22, 1892 Lawrence B. Sperry was born.

Dec. 23, 1937 First flight of the Grumman XF4F-1 Wildcat.

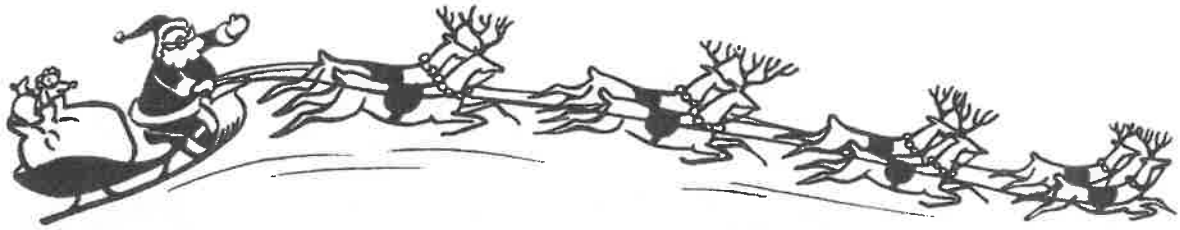
Dec. 23, 1939 Anthony Fokker died in New York City at age 49. His ashes went to the Netherlands.

Dec. 24, 1905 Howard Hughes was born.

December 24 Santa Claus prepared his sleigh and reindeer for a long flight that night.

FOR RENT: Miniature Sleigh

Manufacturer:	*Unsung Pungs, Inc.*
Type:	*Toy transport*
Owner:	*S. Clause, a right jolly old elf*
Accommodation:	*Room for one little old driver, lively and quick*
Power plants:	*Battery of eight tiny Rangifer terandus with good polarity*
Fuel:	*Lots of lichen (not included)*
Empty Weight:	*100 pounds*
Gross Weight:	*4 billion pounds*
Performance:	*Flies like the down of a thistle* *More rapid than eagles* *Around the world in one night*
Fee:	*Eight bucks a night*
Limitations:	*Unsuitable for daylight operations* *Makes a clatter on the lawn* *House-top parking only* *Prances and paws on the roof*
Condition:	*Sanguine and on the skids*
Availability:	*Nightly until December 24*
Equipment:	*A good belt is recommended before takeoff*



OUT OF THE PAST THIS WEEK
DECEMBER 11 to 17

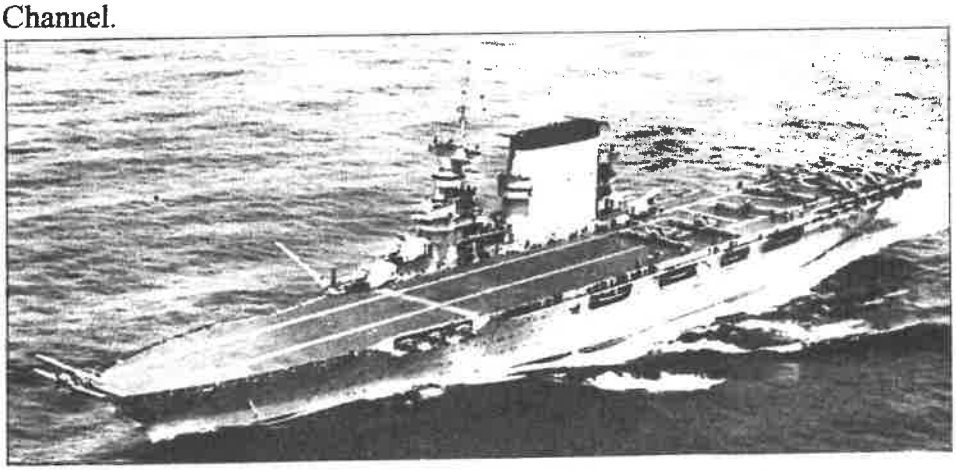
Dec.11, 1931 Tailspin Tommy practiced aerial refueling before his trans-Pacific flight from California in a Bellanca Pacemaker.

Dec.11, 1941 Germany and Italy declared war on the US then vice versa.

Dec.12, 1918 A Navy C-1 blimp piloted by Lt. George Crompton lifted a Curtiss JN-4 to 2500-feet over Fort Tilden, New York then released it. Lt. A.W. Redford flew the biplane back to the base, the first successful release of an airplane from a non-rigid airship.

Dec.12, 1985 An Arrow Air Douglas DC-8 crashed after takeoff from Gander, Newfoundland killing 256 people including 248 members of the U.S. 101st Airborne Division.

Dec.13, 1923 Lawrence Sperry drowned in an attempted flight over the English Channel.



Dec.14, 1927 USS LEXINGTON(CV-2) was commissioned at Quincy, Mass.

Dec.14-16, 1944 Support of the landings on Mindoro was furnished by six escort carriers and USMC shore-based aircraft. They destroyed 341 enemy aircraft.

Dec.15, 1915 The first woman to loop an airplane was Ruth Law over Seabreeze, FL.

Dec.15, 1921 The U.S. Circuit Court of Appeals held that Glenn H. Curtiss was the first person to invent and operate a hydroaeroplane or flying boat.

Dec.15, 1921 The Navy received the aircraft carrier USS LANGLEY, formerly the collier JUPITER. It became the CV-1.

Dec.16, 1915 The first woman killed in an airplane accident at San Diego was 75-year old Lucy Comstock on a joyride in a flying boat which crashed in San Diego bay on her first ride in an aeroplane. She was born in 1830. She was buried at Mt. Hope Cemetery.

Dec.16, 1938 The prototype Goodyear K-2 blimp reached Lakehurst, New Jersey for trials. The Navy bought 135 of them for sea patrols during WW2.

Dec.16, 1965 Capt. Walter Schirra and Maj. Tom Stafford completed a one day flight in Gemini 6A during which they rendezvoused with Gemini 7 for three orbits. After they splashed down in the Atlantic a helicopter from USS WASP(CVS-18) picked them up.

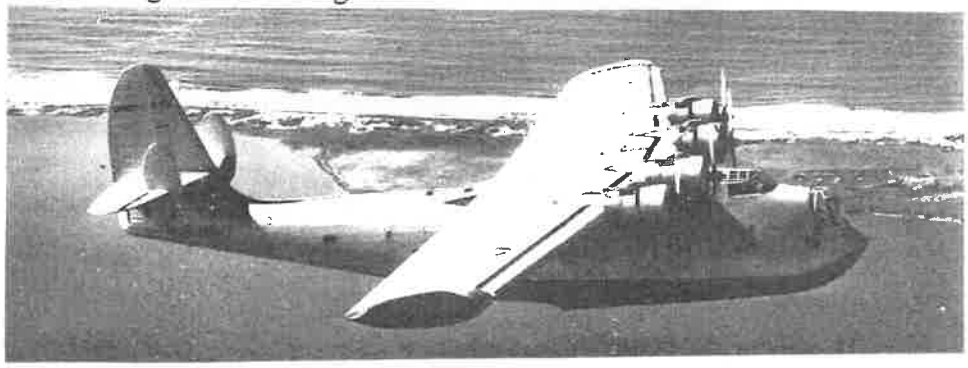
LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
DECEMBER 11 to 17

Dec.17, 1903 The first successful flight by a powered flying machine was for 120 feet in 12 seconds flown by Orville Wright at Kill Devil Hills, Kitty Hawk, North Carolina.

Dec.17, 1917 A successful takeoff was made from a rotatable platform fitted to the forecastle of the cruiser HMAS SIDNEY.

Dec.17, 1935 The first flight of the Douglas DC-3.

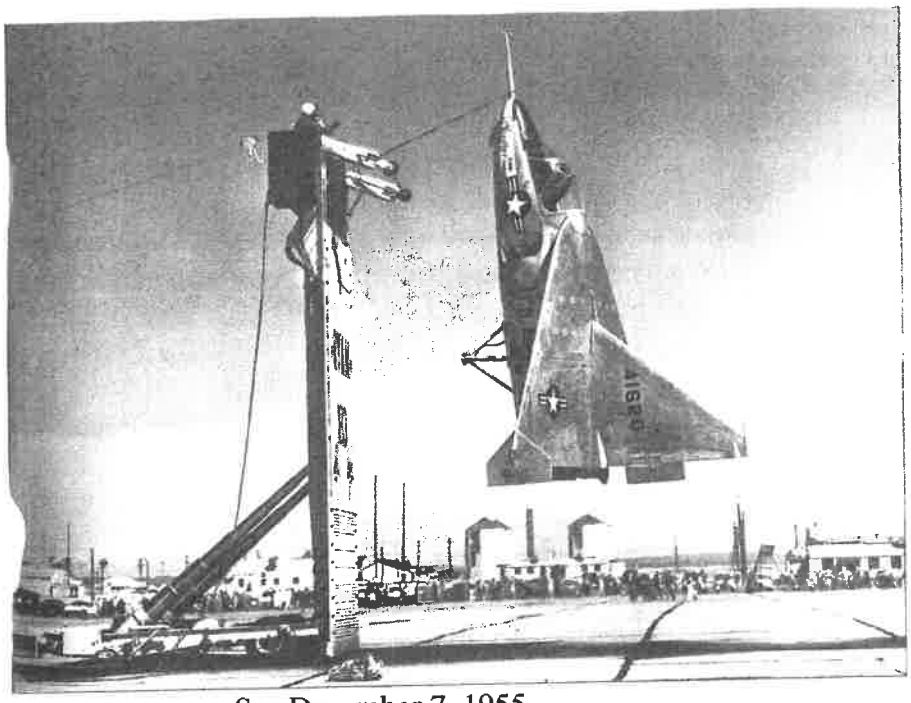


Dec.17, 1937 William Wheatley piloted the first flight of the Consolidated XPB2Y-1 from San Diego bay.

Dec.17, 1947 The first flight of the Boeing XB-47 Stratojet.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
DECEMBER 4 to 10



See December 7, 1955.

Dec. 4-18, 1965 COL. Frank Borman and CDR. James Lovell in Gemini 7 splashed down in the Atlantic after a three orbit rendezvous with Gemini 6A. A helicopter from USS WASP(CVS-18) rescued them.

Dec. 4, 1974 A Dutch-chartered Douglas DC-8 crashed in a storm near Colombo, Sri Lanka killing 191 people. Flying is safe. Crashing is dangerous.

Dec. 5, 1879 Clyde V. Cessna was born.

Dec. 5, 1915 Lt. Cunningham, Royal Navy, snapped his fingers against the taut envelope of a non-rigid during an inspection. The resulting sound was "blimp." Cunningham's subsequent remarks produced the spoken word that became a famous name. Early in the war a class of British airship was designated "B, limp." So where did the title Blimp come from?

Dec. 6, 1916 N.124 Escadrille Volontaires' name changed to Escadrille Lafayette. They flew Nieuports like the one on exhibit.

Dec. 6, 1946 Captain Victor D. Herbster, NA 4, died then was buried at Arlington National Cemetery. He had learned to fly at North Island in 1912.

Dec. 7-19, 1972 On the **last** Apollo-Saturn 17 mission of 301 hours 51 minutes Cernan and Schmitt picked up 243 pounds of samples while Evans flew the spacecraft. The museum moon rock came from Apollo ???

Dec. 7, 1922 On a cross-country flight in a DH-4B from Rockwell Field, North Island, to Tucson, Arizona Lt. C.L. Webber and Col. F.C. Marshall failed to clear the Cuyamaca Mountain top. They died in the crash among the trees. A long search failed. The wreck was found by chance five months later. The Liberty engine is still there in a concrete

monument with an explanatory plaque. Several people have told the museum about finding the engine during their hikes.

Dec. 7, 1941 Japanese carrier aircraft and submarines attacked Pearl Harbor and Wheeler Field. San Diego civilian aviator Robert Tyce was killed on the ground by a Japanese bullet. He and his brother, Roland, had started Chula Vista Airport at the foot of G Street in the 1920's. Robert had moved to Honolulu with a friend and started a flying service in the 1930's. His photograph was on the front page of the December 8 San Diego Union.

Dec. 7, 1941 The San Diego aircraft spotting center was the first in the country to begin round-the-clock operations. Personnel reported for duty as soon as they heard of the attack on Pearl Harbor. The museum had a lady volunteer at the Docent Booth for many years until she died who had begun working in the center that day. She was also a 99.

Dec. 7, 1942 First flight of the Bell XP-63 Kingcobra.

Dec. 7, 1955 First flight of the Ryan X-13 Vertijet by Peter Girard at Edwards AFB. See photo at top of front page. Before we stood the X-13 on its tail in the museum Girard got into the cockpit for a look-see.

Dec. 8, 1941 USS SARATOGA(CV-3) got underway from North Island for Pearl Harbor. Lockheed P-38's from the 95th Pursuit Squadron at Selfridge Field arrived at North Island flying over the city. I watched them fly over Point Loma High School at lunch time that day. All airplane owners had to remove the propellers and rudders from their airplanes. No flying in the San Diego area was permitted.

Dec. 8, 1945 First flight of the Bell 47 helicopter.

Dec. 8, 1946 First rocket-powered manned flight of the Bell XS-1 at about 550 mph flown by test pilot Chalmers Goodlin at Muroc Dry Lake, California.

Dec. 9, 1924 The Civil Aeronautics Act proposing a Bureau of Civil Aeronautics in the Department of Commerce was reintroduced in Congress. It failed to pass. Anyone could fly an airplane without a license legally, or build an airplane and sell it legally. But an insurance company would not help you. Airlines were flying all over Europe but not in the United States.

Dec. 9, 1995 Douglas Corrigan died at Orange, California. Several years earlier he wanted to display his Curtiss Robin in the museum rotunda if he could sell his autograph beside it.

Dec.10, 1924 A Navy Curtiss H-16, A3544, from North Island on machine gun practice stalled in a tight turn then crashed in the water off Coronado a half mile south of the Naval Air Station. Three men died. Two survived.

Dec.10, 1927 Charles A. Lindbergh was awarded the Medal of Honor.

Dec. 10, 1929 Hawley Bowlus set an American gliding record of two hours 47 minutes in his glider over Point Loma. The updrafts made it possible.

Dec.10, 1938 First flight of the Lockheed Hudson at Burbank, California, a military airplane developed from a commercial design, the Lockheed 14.

Dec.10, 1941 Aircraft from USS ENTERPRISE(CV-6) sank the Japanese submarine I-70 north of the Hawaiian Islands, the first Japanese combatant ship sunk by US aircraft during WW2.

THIS IS SUPPOSED TO BE FOR DOCENTS UNTIL NEXT WEDNESDAY.

OUT OF THE PAST THIS WEEK
NOVEMBER 27 TO DECEMBER 3

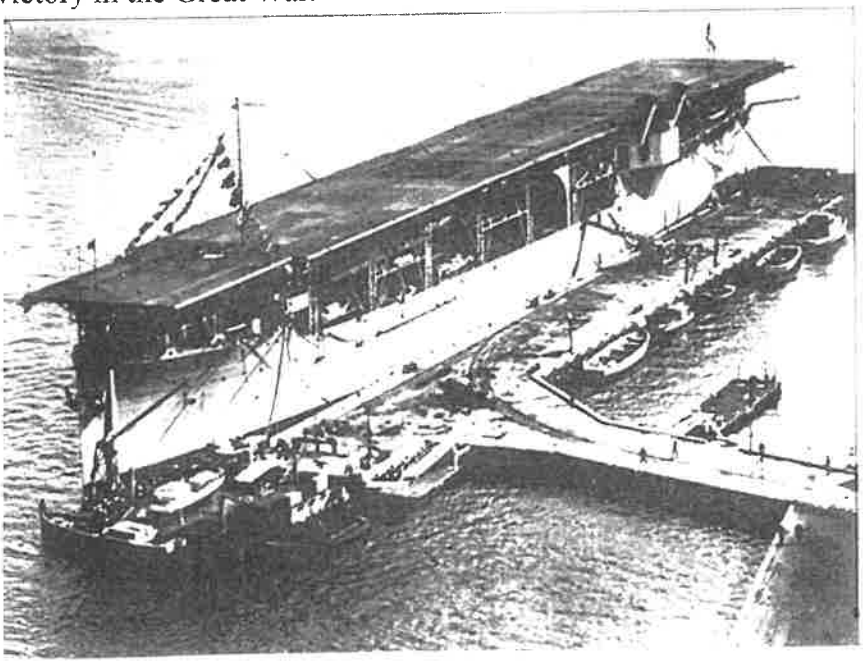
Nov. 27, 1913 Lincoln Beachey made first loop in public in the United States in a Curtiss-type pusher biplane over North Island, San Diego.

Nov. 27, 1918 Army pilots flew 212 airplanes over San Diego in the Dawn of Peace flight, the most airplanes in the air in the history of aviation. One of the pilots was Lt. James H. Doolittle. He visited the museum about ten years ago.

Nov. 27, 1946 First flight of the North American XFJ-1 Fury.

Nov. 27, 1943 The first Martin PB2M Mars flying boat was delivered to VR-8 at NAS Patuxent River. Only five were ever built as the JRM-1's then operated by VR-2 out of Alameda, California. They were still flying in 1954.

Nov. 28, 1915 Flying a Nieuport, Charles Nungesser shot down a two-seater, his first victory in the Great War.



Nov. 28, 1924 The first Navy flattop, USS LANGLEY(CV-1), arrived at San Diego, her homeport until February 1931.

ALMOST EVERYTHING WE SAY IS TRUE

EDITOR EDWARD LEISER

Nov. 28-29, 1929 CDR. R.E. Byrd, Bernt Balchen and two others made the first flight over the South Pole in a Ford 4-AT tri-motor named FLOYD BENNETT.

Nov. 28, 1979 A New Zealand DC-10 crashed into a mountain in Antarctica killing 257 passengers and crew. Flying is safe. Crashing is dangerous.

Nov. 29, 1910 Glenn H. Curtiss offered the Navy free flight instruction for one naval officer. LT. T.G. Ellyson was chosen and sent to the Curtiss school on North Island. He became Naval Air Pilot No. 1. After a fatal Loening crash on February 27, 1928 he was buried at Annapolis.

Nov. 29, 1921 When Jimmy Hennessey tried to take off from his field at the foot of B Street in San Diego the engine failed and he landed his Jenny in the bay. He got out OK and salvaged the biplane.

Nov. 30, 1913 The first known aerial combat took place between Phil Rader, flying for Gen. Huerta, and Dean Lamb, with Carranza, over Naco, Mexico. A dozen or so pistol shots were exchanged. Use of the word "first" is often argumentative. Ref: Department of the Air Force Pamphlet

Nov. 30, 1931 James R. Wedell landed at Lindbergh Field in his red Wedell-Williams race plane, NR278V. He intended to establish a border-to-border round-trip record, 2400 miles in 10 hours, the next day.

Dec.1, 1783 Jacques Charles and his companion made the first manned hydrogen balloon ascent in his Charliere from the Tuileries gardens at Paris, France. They flew for two hours then landed 27 miles away.

Dec. 1, 1921 The first practical test of helium was in the Navy's Goodyear C-7 blimp piloted by LCDR. R.F. Wood at Norfolk, Virginia.

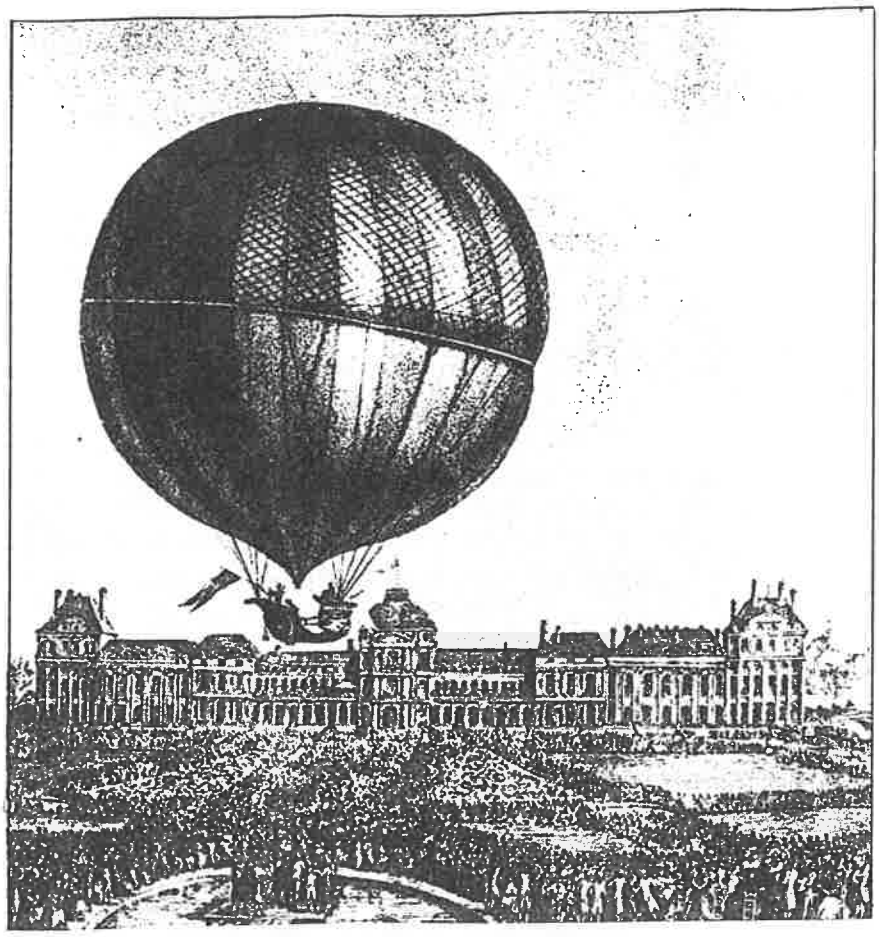
Dec. 1, 1931 James Wedell set a new air speed record between Mexico and Canada in the Wedell-Williams racer of six hours 40 minutes 15 seconds. He did not fly back.

Dec. 2, 1925 Two Marine Vought VE-7's collided in mid-air over San Diego bay. Capt. Shepherd, Naval Aviator 2999, and Lt. J.D. Christian both died.

Dec. 3, 1918 The Curtiss JN-4H spun in from 2000 feet over North Island and crashed. Army pilots R.H. Teernstra and W. Goodwin both died instantly. Teernstra was buried at Fort Rosecrans Cemetery.

Dec. 3, 1923 A Vought VE-7 hit a Curtiss JN-4 about a thousand feet over the Rockwell Field bridge to Coronado. The four aviators from Fighter Squadron 2 were killed.

Dec. 3, 1928 The first glider fatality at San Diego was E.I. Shoudy in his homebuilt glider from a hilltop at Bonita. The wings failed.



Nov. 20, 1783 The first manned hot air balloon ascent was made by de Rozier and d'Arlandes for 16 kilometers with a Montgolfier from the Bois de Boulogne, Paris.

Nov. 20, 1920 A dirigible passenger airline using the Goodyear Pony blimp established a half hour service between Los Angeles and Catalina.

Nov. 21, 1914 Three Avro 504's bombed Zeppelin sheds at Friedrichshafen and destroyed one airship, a large shed and the hydrogen producing plant. One Avro was shot down.

Nov. 21, 1919 The Navy decided to install catapults on the forward and after ends of the LANGLEY flying-off deck.

Nov. 22, 1893 Raymond Collishaw, 60 victory ace, was born at Naniamo, B.C.

Nov. 22, 1898 Wiley H. Post was born.

Nov. 22, 1917 Flying a Tellier seaplane with a two-man crew Ens. K.R. Smith made the first armed patrol by a Navy aviator in European waters from NAS Le Croisic, France hunting for German submarines.

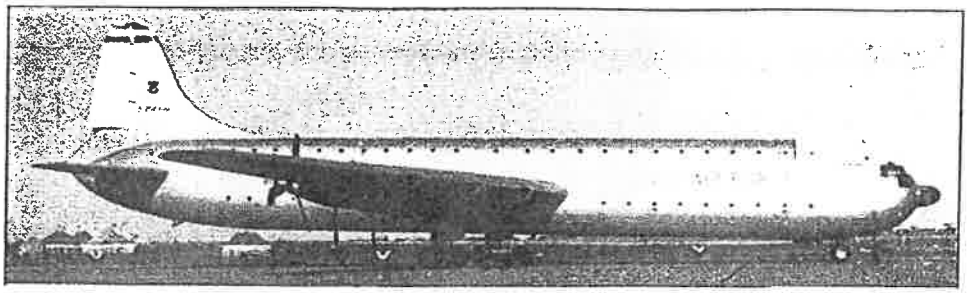
Nov. 22, 1921 Flying a Curtiss Navy racer Bert Acosta made a speed of 197.8 mph at Curtiss Field, Long Island. Acosta grew up in San Diego.

Nov. 22, 1927 San Diegans voted in favor of the sale of $650,000 of municipal bonds to begin building Lindbergh Field.

Nov. 22, 1929 Flying a Lockheed Vega Amelia Earhart set a speed record for women of 184.1 mph.

Nov. 22, 1961 A McDonnell F4H-1 Phantom set a world speed record at Edwards AFB with an average speed of 1606.3 mph flown by Lt.Cdr. R.B. Robinson.

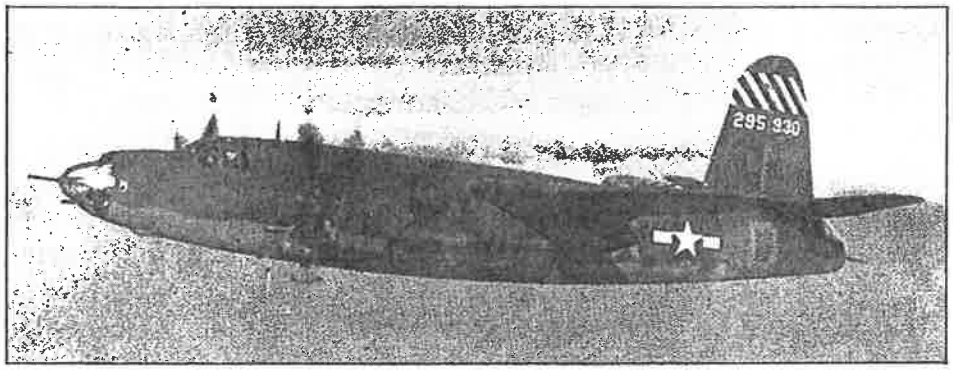
Nov. 23, 1942 The Vought-Sikorsky VS-173 made its first flight at Stratford, Connecticut. The military version, XF5U-1, was built then never flown.



Nov. 23, 1947 First flight of the Convair XC-99 by Russell R. Rogers from Lindbergh Field, San Diego. It could carry 400 equipped troops. Retired in 1957.

Nov. 25, 1920 Flying a Verville-Packard Capt. Corliss won the first Pulitzer Trophy race at Mitchel Field, New York.

Nov. 25, 1924 The dirigible ZR-3 was christened USS LOS ANGELES at NAS, Anacostia by Mrs. Calvin Coolidge. Capt. G.W. Steele was CO.



Nov. 25, 1940 First flight of the Martin B-26 Marauder

Nov. 25, 1959 First flight of the Lockheed P3V-1

Nov. 25, 1961 USS ENTERPRISE(CVAN-65) was commissioned at Newport News, Virginia, Capt. DePoix commanding.

Nov. 25, 1964 First flight of the Convair Charger by John Knebel from Lindbergh Field, San Diego.

Nov. 26, 1934 First flight of the Grumman XSF-1 by B.A. Gillies.

Nov. 26, 1941 USS KITTY HAWK(APV-1) was commissioned, the first of two aircraft ferries.

Nov. 26, 1951 First flight of the Gloster Javelin

Nov. 27, 1913 First loop in public in the U.S. made by Lincoln Beachey in an Eaton-built Curtiss pusher biplane at San Diego.

Nov. 27, 1918 Army pilots flew 212 airplanes over San Diego in the Dawn of Peace flight, the most airplanes in the air in the history of aviation.

Nov.13, 1912 The first aviation fatality at San Diego was Elwyn Williams, a student at the Curtiss School of Aviation on North Island. After crashing his pusher biplane on the island he died in the hospital.

Nov.14, 1885 Edward H. Heinemann was born.

Nov.14, 1910 The first aeroplane to take off from a ship was a 50-hp Curtiss pusher flown by Eugene B. Ely off USS BIRMINGHAM near Hampton Roads, Virginia.

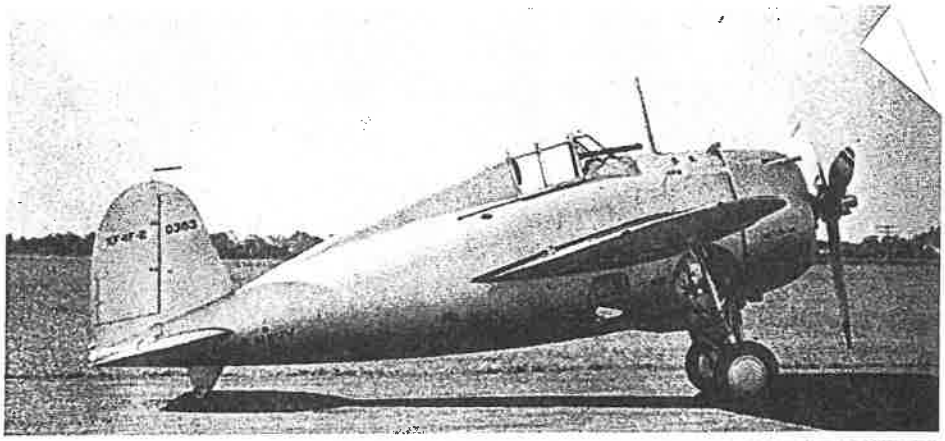
Nov.14, 1922 Flying a Fokker T-2 Army Lts. Kelly and Macready completed a non-stop flight from Rockwell Field, San Diego to Indianapolis.

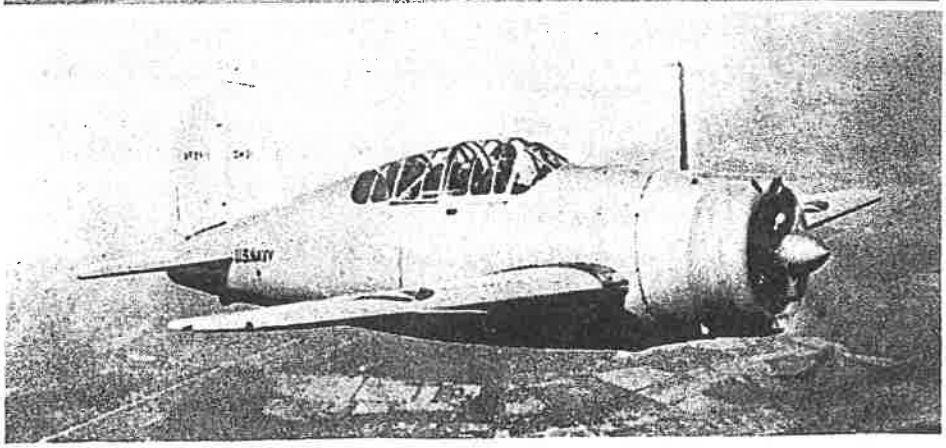
Nov.14-24, 1969 Apollo Saturn 12 made the second moon landing with Astronauts Conrad and Bean picking up 74.7 pounds of samples while Gordon flew the spacecraft.

Nov.15, 1885 Frederick Handley-Page was born.

Nov.15, 1915 Observer Lt. A.W. Brown was shot down in a B.E.2c and made a POW. On June 14-15, 1919 he flew the Atlantic with John Alcock in a Vickers Vimy.

Nov.15, 1921 The semi-rigid dirigible *Roma* made its first American flight at Langley Field, Hampton, Virginia.





Nov.15, 1935 The Navy began the development of the Grumman XF4F-1 biplane and the Brewster XF2A-1 monoplane fighters. On July 10, 1936 the XF4F-1 was changed to the monoplane XF4F-2.

Nov.16, 1914 At Pensacola the Flying School name was changed to Naval Aeronautic Station, Pensacola. (NAS ??)

Nov.16, 1916 After German protests N.124 Escadrille Americaine's name was changed to Escadrille de Volontaires.

Nov.16, 1927 USS SARATOGA(CV-3) was commissioned at Camden, N.J.

Nov.16, 1942 The first Navy night fighter squadron, VMF(N)-531 was commissioned at MCAS, Cherry Point flying Lockheed PV-1 Ventura's with British Mark IV radar.

Nov.17, 1943 First flight of the General Motors XP-75

Nov.17, 1944 The Navy Bureau of Aeronautics began studies on the feasibility of copying the V-1 Buzz Bomb. It finally became the Loon. A Loon was destroyed in the San Diego Aero-Space Museum fire of February 1978.

Nov.18, 1917 U.S. aerial coastal patrols in European waters began with Tellier seaplanes from LeCroisic. Commissioned on November 27 it was the first of eight such bases established in France commanded by Lt. W.M. Corry.

Nov.18, 1934 The Navy issued a contract to Northrop Corporation for the XBT-2 two-seat scout and dive bomber. The prototype led to the Douglas SBD DAUNTLESS in 1938.

Nov.18, 1940 The Navy authorized use of the abbreviation RADAR.

Nov.18-26, 1943 Occupation of the Gilbert Islands including the Tarawa and Makin Atolls was supported by 11 aircraft carriers.

Nov.19, 1932 A national monument to Orville and Wilbur Wright was dedicated at Kitty Hawk, North Carolina.

Nov. 20, 1783 The first manned hot air balloon ascent was made by de Rozier and d'Arlandes for 16 kilometers with a Montgolfier from the Bois de Boulogne, Paris.

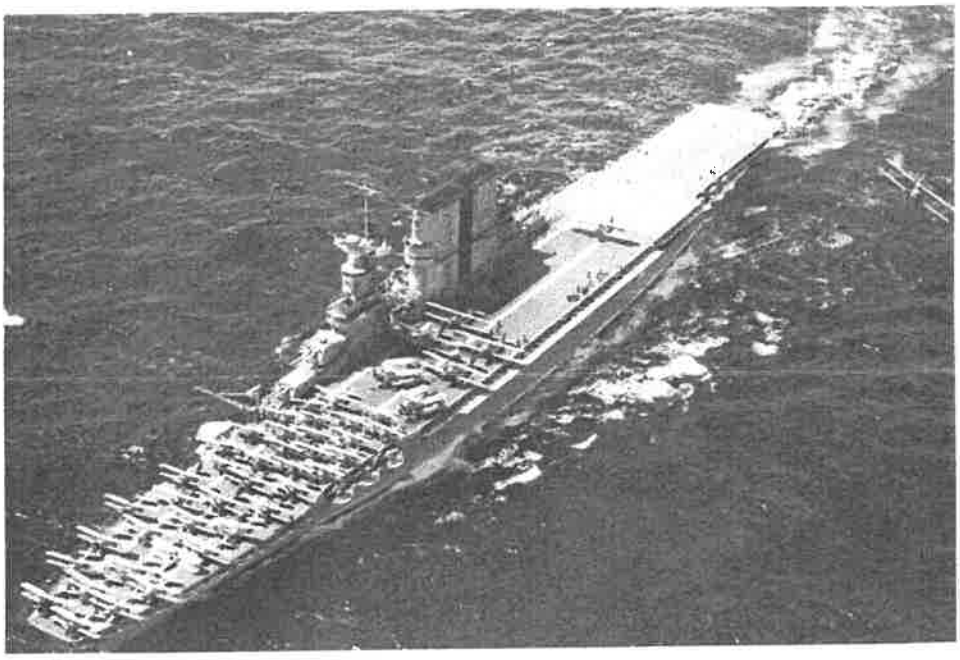
OUT OF THE PAST THIS WEEK
NOVEMBER 6 TO 12

Nov. 6, 1917 Hermann Goering shot down his 16th victim.

Nov. 6, 1935 First flight of the Hawker *Hurricane.*

Nov. 6, 1945 First American airplane to land under jet power on a ship was a Ryan FR-1 *Fireball* aboard WAKE ISLAND(CVE-65).

Nov. 7, 1920 The Navy test-flew a Martin MBT torpedo bomber from North Island. They had four of the big twin-engined bombers at San Diego.



Nov. 7, 1931 USS SARATOGA(CV-3) entered San Diego Bay for the first time and dropped her mudhook(sic) off Pier No.1 at 7:57 a.m. It was the largest ship to enter the bay. The ship had a population of about 2,000, a weekly newspaper, an airport and a large hangar, one skyscraper 20 stories up, a power plant, hospital, dentist, post office, kitchens, drug store, weather bureau, radio office and telephones, laundry, barber shop, tailor shop, shoe shop, photo shop, motion picture studio, plumbing, carpenter and machine shops, and one brig staffed by Marines. The aircraft carrier sank at Bikini atoll on July 25, 1946 after an underwater atomic bomb burst.

Nov. 8, 1917 First flight of the Robbins-Schiefer pursuit biplane by N.B. Robbins from Rockwell Field. The Army did not buy any.

Nov. 8, 1919 A motion picture *The Grim Game* starring Harry Houdini at the Cabrillo Theater featured an accidental mid-air collision that was kept in the film.

LEAVE THESE FOR THE DOCENTS TOMORROW

Nov. 8, 1921 F-5L No. 5, returning from a flight to San Pedro, made a forced landing at sea in the afternoon. The next morning it flew into North Island after repairing an engine overnight. A destroyer and subchaser crews cancelled their preparations to search for it.

Nov. 8, 1922 First flight of the modified parasol Spad VII by Lt. Frank Fake from NAS, San Diego.

Nov. 8, 1926 CAP Floyd Bennett landed the Fokker *Josephine Ford* on North Island after a flight from Los Angeles. Then he flew over to Ryan Field on Barnett Avenue. The tri-motor had supposedly flown over the North Pole on May 9 and was flying around the United States.

Nov. 8, 1928 That morning pilot Leonard O'Keefe, 18, was thrown out of his airplane when it was upside down and his safety belt broke near the Coronado Yacht Club. The plane plunged into Glorietta Bay and sank killing passenger Max Dorland, 20. O'Keefe had private pilot license No. P4410.

Nov. 8, 1929 **S.D. DIRIGIBLE BASE SPURNED** The San Diego Union headline that morning made the readers realize the base was probably going to Sunnyvale, California instead of old Camp Kearny.

Nov. 8, 1950 First jet fighter victory over another jet fighter when Lt. Brown in a Lockheed F-80C shot down a MiG-15 over the Yalu River.

Nov. 9, 1916 Richthofen scored his 8th victory, a B.E.2c over Beugny.

Nov. 9, 1920 Congressman Kettner rode the Goodyear B-18 blimp over San Diego with Navy pilot Lt. Miller. San Diego named a boulevard after Kettner.

Nov. 9, 1950 First Navy pilot to shoot down an enemy jet aircraft, a MiG-15, was LCDR Amen in a Grumman F9F *Panther* from VF-111 over the Yalu River.

Nov. 10, 1911 The Toliver dirigible *San Diego* failed to lift off on its first attempt at 31st and B Streets. The hydrogen was a poor grade. It never flew.

Nov. 10, 1918 Maj. Kirby, 94th Aero Squadron, shot down the last credited AEF air victory.

Nov. 10, 1924 T.C. Ryan dropped football tickets over the city schools at noon flying his Cabin-Standard biplane. The museum has a model at the end of airliner model exhibit in the West Concourse.

Nov. 11, 1918 Armistice Day. Flight instructors Warren and Eaton buzzed automobiles in the canyons around San Diego with a Curtiss N-9.

Nov. 11, 1935 Capt. Stevens and Capt. Anderson set a balloon altitude record of 72,394-feet traveling from Rapid City to White Lake, South Dakota. Note the LTA mural in the South Concourse.

Nov. 11, 1928 On Armistice Day a 40-ton granite stone with a bronze plaque was dedicated to the departed buddies of the 40th Division at the exact site of division headquarters at old Camp Kearny. I have not been able to find the present location of the plaque.

Nov. 11, 1935 The California Pacific International Exposition in Balboa Park closed. It opened once more in 1936.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
OCTOBER 30 TO NOVEMBER 5

Oct. 30, 1927 An article in the San Diego Union revealed that when Lincoln Beachey's mechanic had weight-tested the wings of the new monoplane two days before a scheduled air show in San Francisco in 1915 he heard a sharp crack. Beachey's manager did not like to miss a show. There wasn't time to repair the wing. Beachey was not told. The wing broke and he died in the crash in the bay.

Oct. 31, 1911 John J. Montgomery died of injuries after the crash of his glider at Evergreen, California. The museum displays that restored glider. A few years ago we donated $450 to have his name and his widow's name put on the family gravestone at Colma, California. See Overcast No. 166.

Oct. 31, 1917 A San Diego Union news item quoted a letter from an AEF surgeon claiming that the pilot of a German airplane which force-landed in Allied territory was a 16-year old girl who claimed there were many others forced to fly warplanes. There was a similar incident in 1918.

Oct. 31, 1931 On Camp Kearny mesa three San Diego High School teenagers flew a two-seater glider they had built with dual controls.

Oct. 31, 1932 A couple got married over San Diego in an American Airways tri-motor then landed on Lindbergh Field as Mr. and Mrs. C.J. Hudgens.

November 1929 Hawley Bowlus established the Bowlus Sailplane Company at 1200 West Juniper in an ex-fish cannery.

November 1935 During the California Pacific International Exposition visitors to the Ford Building included Mae West, Jean Harlow, Jack Dempsey, Herbert Hoover, and Amelia Earhart.

Nov. 1, 1918 Rene Fonck downed his 75th and last victory, a Halberstadt CL.II.

Nov. 1, 1929 The motion picture at the Orpheum Theatre was THE FLYING FOOL with William Boyd. LET'S GO.

Nov. 2, 1918 Rickenbacker downed his 26th and last victory, a balloon.

Nov. 2, 1931 Marine squadrons VS-14M and VS-15M reported aboard SARATOGA and LEXINGTON with their Vought O2U-2 biplanes, the first Marine aviators to go aboard ships.

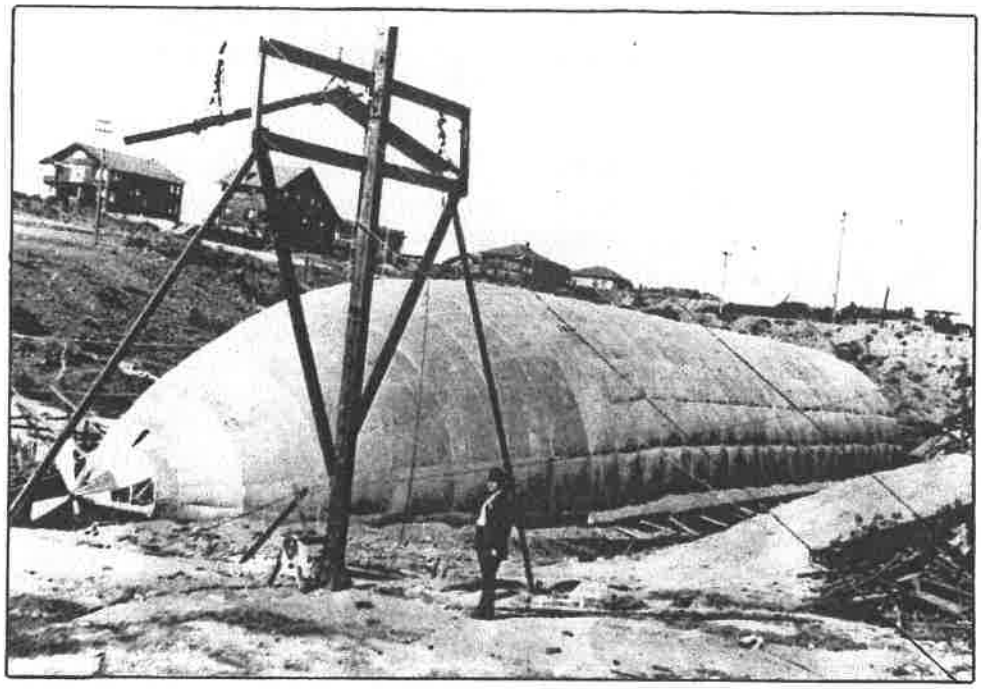
Nov. 2, 1936 Cdr. M.S. Brown, XO of USS LEXINGTON at San Diego, died in the crash of his Grumman F2F near Descanso. NAAS Brown Field was named for him in 1943.

Nov. 2, 1947 First and last flight of the Hughes H-4 *Hercules* by Howard Hughes low over Los Angeles harbor.

Nov. 2, 1954 J.F. Coleman flew the Convair XFY-1 *Pogo* at NAS Moffett Field in a vertical takeoff, transition to horizontal flight and return to vertical flight and landing. The plane was offered to the museum and kept at Ream Field for a short time years ago.

Nov. 3, 1931 USS AKRON carried 207 people on a ten-hour flight, the most people ever carried by an air craft.

LEAVE THESE FOR THE DOCENTS TOMORROW



Nov. 4, 1911 Toliver removed the protective roof over his new dirigible at 31st and B Streets. Workers installed the last engine and all propellers. They began filling it with hydrogen for its first flight.

Nov. 4, 1912 The first detachment of Army aviators arrived at North Island. They left in 1935, 23 years later. Then naval aviation took over the entire island.

Nov. 4, 1916 During Joe Bocquel's afternoon air show over the Exposition he died in the crash of his biplane on the hillside beside the Cabrillo Bridge in Balboa Park. In his prophetic words the day before at dinner, it was just another case of "slow music." Bocquel lived in San Francisco.

Nov. 4, 1918 Otay Mesa Flying Field was renamed East Field for Maj. W.J. East, killed in an accident in New York. East had learned to fly at North Island in 1916. The Army used the field for aerial gunnery training.

Nov. 4, 1954 The Convair XFY-1 *Pogo* gave a demonstration flight at Brown Field. A Convair *Sea Dart* blew up over San Diego bay killing pilot Richbourg.

Nov. 4, 1960 First flight of the Convair 880M from Lindbergh Field by Don Germeraad.

Nov. 4, 1966 The last operational flight by a U.S. Navy seaplane after more than 50 years was made by a Martin SP-5B *Marlin* of VP-40 at NAS North Island.

Nov. 5, 1911 Cal Rodgers, flying a Wright EX pusher, completed the first coast-to-coast flight from New York to Pasadena, California in 49 days. The museum has an exhibit with Rodgers smoking a cigar. He followed the railroad tracks and a train with his wife and everything else he needed.

Nov. 5, 1926 An Ansaldo biplane crossed the border flying north. At Ream Field Marine pilot Munsch saw it then took off and forced it down at Ryan

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
OCTOBER 23 TO 29

October 1919 Before Border Patrol pilots Connolly and Waterhouse were murdered in Mexico they scratched messages to their families on the DH-4 side paneling. Here is one: "Mrs. N.T. Connolly, 4733 Edgeware Road San Diego Dearest Mother: My time to die is here. God knows it will be welcome enough after our suffering so far of hunger and thirst. Try to forget our fate. What I have is yours. Use it for your comfort and happiness. I tried to live a good life, and I do not fear death. Please do not wear mourning for me. Love to you, Dad, Nora, Hazel, and Ethel. God bless you all. Cecil" The paneling burned up in the museum fire. See OUT OF THE OVERCAST March 1995 and November 1998 for details.

October 1924 The Army contracted with Consolidated Aircraft Corporation to build fifty PT-1's at their Buffalo, New York factory. The museum owns one.

October 1925 During the month: Lt. Tomlinson brought his personal silver JN-4D to North Island. the Tyce brothers organized the Chula Vista Aeronautic Club at their airfield at the foot of G Street. Joe Crosson was president. Dan Burnette was vice-president and a volunteer in the old museum.

October 1930 Valley Airport opened on the flats between National City and Chula Vista. It closed in 1966.

October 1930 The U.S. Postoffice Department adopted an official air mail flag.

Oct. 23, 1917 Major Pershing, the Camp Kearny Army pet bulldog, stole the shoes from a number of tents the night before. The animal was court-martialed, found guilty and sentenced to be tied up every night.

LEAVE THESE FOR THE DOCENTS TOMORROW

Oct. 23, 1924 The engine quit and the Blackburn Swift nose-dived into San Diego bay, Pilot Williams climbed up on the tail sticking out of the water and was rescued. The Navy bought two Blackburn *Swifts* from England in 1921.

Oct. 24, 1917 Construction of Navy seaplane hangars began at North Island.

Oct. 25, 1913 Army Lt. Clark made nine hops then a perfect landing after the engine quit at 600 feet over North Island. He was ready for his FAI license test.

Oct. 25, 1921 Ensign Boyes, landing his Curtiss N-9 seaplane in San Diego bay, struck a log and turned over. He was rescued uninjured.

Oct. 26, 1915 Immelmann won his fifth victory.

Oct. 26, 1916 Escadrille Americaine N.124 adopted the Indian head insignia.

Oct. 26, 1916 Nine Army students and instructors took off North Island for Los Angeles on their last Junior Military Aviator tests, flying Martin TT, No.50 and 51, Curtiss N-8, Nos. 61, 62 and 62. No problems.

Oct. 26, 1924 Phil Myers flew his Thomas-Morse S-4C from Ryan Field on Barnett Avenue to North Island and back. Myers let the museum copy his pilot log book before he died.

Oct. 26, 1931 95th Pursuit Squadron pilots flew new Boeing P-12F's from Seattle to San Diego.

Oct. 27, 1911 At the Curtiss School of Aviation on North Island students began grasscutting lessons using one Curtiss pusher.

Oct. 27, 1918 Maj. Barker in a Sopwith *Snipe* shot down four German planes before being shot down. He got the Victoria Cross. His victory total was 53.

Oct. 27, 1923 The Naval Training Center was dedicated, built at a cost of $4,000,000.

Oct. 27, 1931 On Navy Day seven men parachuted from a Ford tri-motor over North Island. The base opened to visitors.

Oct. 27, 1932 Fourteen Navy planes were trapped over San Diego in a sudden fog that evening. One VF-6 Boeing groundlooped and three others landed safely on Lindbergh Field. Three more Boeings had accidents at North Island and five landed safely. A United Air Lines tri-motor guided two Vought biplanes to safe landings at Camp Kearny where hundreds of civilians arrived and turned their car lights on illuminating the field.

Oct. 28, 1916 Hptm. Oswald Boelcke was killed in an aerial accident after 40 victories.

Oct. 28, 1918 The AEF reported Lt. Frank Luke missing in action. Luke had learned to fly at Rockwell Field. He was engaged to Mary Repson of 769 12th Street, a San Diego High School student.

Oct. 28, 1931 USS AKRON(ZRS-4) was commissioned at Lakehurst, New Jersey.

Oct. 29, 1914 Glenn Martin took off North Island in his biplane at 7:06 a.m., climbed to 4000-feet plus and flew over San Diego to 30th Street, then south of Tijuana into Mexico, then north. Over La Jolla he flew in and out of clouds and finally landed back on North Island at 12:21 p.m. The Martin aeroplane had passed the Army altitude test.

Oct. 29, 1916 That night Joe Boquel put on an airshow over the Exposition in Balboa Park flying his all-red biplane with Roman candles under the wings.

Oct. 29, 1919 Navy Lt. McNulty and Marion Peters got married while flying around the bay in an F-5L. They honeymooned on the ground.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
OCTOBER 16 TO 22

October 1917 Balboa Park employees asked permission to wear weapons because of the burglaries and other crimes in the park.

Oct. 16, 1909 The monoplane in which Bleriot flew the English Channel went on permanent display in Paris. The museum displays a similar monoplane.

Oct. 16, 1918 Lt. William Wellman reported to Rockwell Field for aerial gunnery duty. He had shot down four German planes while flying for the French. He became a motion picture director and producer.

Oct. 16, 1921 The new alignment of Air Squadrons for the Pacific Fleet was:
Seaplane Squadron No. 1 with F-5L's and H-16's
Combat Squadron 1, 3 and 4 with Vought VE-7SF's and Nieuport 28's
Spotting Squadron 1, 3 and 4 with DH-4's and Loening M-81S's

Oct. 16, 1921 T.C. Ryan leased the land at the foot of Broadway up to C Street for an airfield. He bought a crated Curtiss JN-4D from Rockwell Field.

Oct. 16, 1926 Army planes began wearing U.S. ARMY on the wings and fuselage.

Oct. 16, 1927 Border Line Airport opened at San Ysidro.

Oct. 17, 1922 First takeoff from a U.S. Navy aircraft carrier made by Lt. Griffin in a Vought VE-7SF from LANGLEY(CV-1) near Norfolk, Virginia.

Oct. 17, 1927 Charles Lindbergh flew the *Spirit of St. Louis* from Richmond, Virginia to Washington, D.C. in one hour 15 minutes.

Oct. 18, 1910 Air Ship *America* on a flight across the Atlantic had serious problems on the third day out. The crew let it settle in the ocean 400 miles off Hatteras. The S.S. Trent rescued Walter Wellman and his crew. The New York Times had a great article on the flight.

Oct. 18, 1919 Lt.Col. R.S. Hartz landed at Rockwell Field while making a Round-the Rim flight in a Martin MB bomber. Round-the-Rim referred to the perimeter of the United States. His San Diego address was 502 Kalmia.

Oct. 18, 1928 The motion picture WINGS began showing at the Cabrillo Theatre. 40 cents matinee, 50 cents nights, 10 cents children.

Oct. 19, 1919 The bodies of two Army border patrol pilots, Connolly and Waterhouse, were recovered at Bahia de Los Angeles on the Gulf of California. They got lost on patrol in August, landed there DH-4 out of fuel, and were murdered by Mexicans who pretended to rescue them. Connolly is buried at Fort Rosecrans.

Oct. 19, 1926 County supervisors decided to build a four-lane bridge from San Diego to Coronado to cost $2,400,000.

Oct. 19, 1929 Hawley Bowlus set an American gliding record of one hour 21 minutes over Point Loma in his SP-1 sailplane named Albatross. The museum displays a Bowlus SP-1 reproduction built by Phoenix Flight in the shop downstairs.

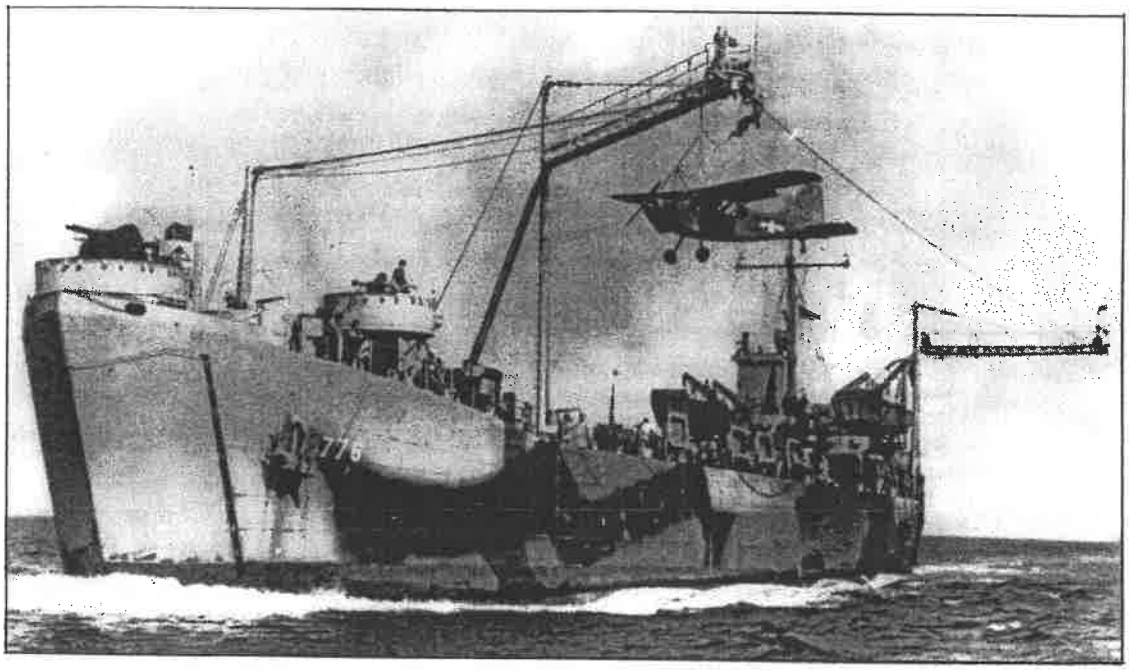
Oct. 19, 1965 The Convair Model 48 *Charger* crashed at Lindbergh Field. The Marine pilot had ejected?? after one engine quit near the field.

LEAVE THESE FOR THE DOCENTS TOMORROW

Oct. 20, 1911 Cal Rodgers flew his Wright biplane from Dallas to Waco on his cross-country flight from New York to Long Beach. He had taken off from New York on September 17 and already failed to win the $50,000 Hearst prize to complete the flight in 30 days. The other pilots had also failed.

Oct. 20, 1928 The Baja California No.3 was test-flown at Tijuana where it was built.

Oct. 20, 1935 The Consolidated Aircraft Corporation opened for business at Lindbergh Field.



Oct. 20, 1944 Navy pilots began training in Piper NE-1's to takeoff and land on a Brodie rig set up on the Silver Strand, Coronado, California. A Brodie rig was placed on LST-776, a 300-foot cable strung between two horizontal posts on the port side. The plane had a hook on top of the fuselage. Volunteer Gus Banthien was a Brodie pilot during the invasion of Okinawa. Army pilot Brodie was the inventor.

Oct. 21, 1924 SHENANDOAH arrived back at North Island from Camp Lewis, Washington at 4 a.m. Lansdowne moored to the tower on the fourth pass. Three hundred sailors hauled it to the tower.

Oct. 21, 1929 The 12-engine Dornier DO-X completed a one hour flight with 169 passengers, the most people ever flown in a single aircraft.

Oct. 21, 1947 First flight of the Northrop YB-49 flying wing bomber.

Oct. 22, **1797** The first parachute descent from a vehicle by Andre Garnerin from a balloon near Paris.

Oct. 22, 1918 Rickenbacker downed a Fokker D.VII to raise his score to 20.

Oct. 22, 1924 SHENANDOAH left North Island and headed for Fort Worth.

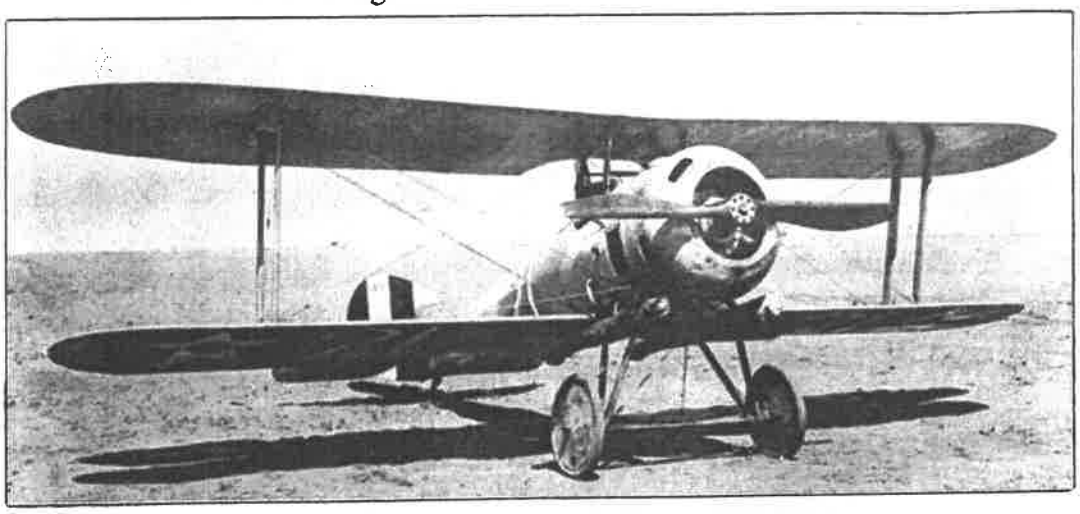
Oct. 22, 1927 Charles Lindbergh completed his flying tour of 75 cities in the *Spirit of St. Louis.*

Oct. 22, 1955 First flight of the Republic YF-105A *Thunderchief.*

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
OCTOBER 2 TO 8

October 1918 Army pilots at Rockwell Field had an all-white Curtiss JN with red crosses on the wings.



October 1921 One of 12 Nieuport 28's the Navy obtained from the Army and used by Combat Squadron 3 at North Island prior to delivery of Vought VE-7's.

October 1940 The 251st Coast Artillery, Anti-Aircraft, left the Ford Building and wound up at Camp Malakoli on Oahu when Pearl Harbor was attacked. One of their members, Carl Vanderford, died at San Diego on June 11, 2002, at the age of 80. He had also attended San Diego High School.

Oct. 2, 1928 The Tibbetts brothers wingwalked a Jenny over Mission Beach until the engine quit. The pilot made a forced landing and overturned. No one was hurt. One of the brothers was still alive a few years ago.

Oct. 2, 1942 First flight of a turbojet aircraft in the U.S. made at Muroc, California by the Bell XP-59A *Airacomet.*

Oct. 2, 1958 Yesterday, the Federal Aviation Agency was formed absorbing the CAA and CAB.

Oct. 3, 1912 San Diego aviator Charles Walsh died in the crash of his biplane during an air show at Trenton, New Jersey. He was buried in Old Calvary Cemetery at Mission Hills which is now a playground. Walsh taught himself to fly at Imperial Beach.(Check out April 10, 1910.)

Oct. 3, 1918 Flight refueling by Lt. Cabot, USNR, who lifted it into his Burgess-Dunne seaplane from a moving sea sled.

Oct. 3, 1942 First successful launch of a 5-1/2 ton V-2 rocket from Peenemunde. It traveled 120 miles.

Oct. 3, 1951 HS-1, the first helicopter antisubmarine squadron was commissioned at NAS Key West, Florida flying what???.

LEAVE THESE FOR THE DOCENTS TOMORROW

Oct. 3, 1962 Cdr. Walter Schirra became the third U.S. pilot to orbit the earth when Mercury *Sigma 7* completed five orbits and landed in the Pacific Ocean. Schirra was a museum board member for some years.

Oct. 4-5, 1931 Clyde Pangborn and Hugh Herndon made a non-stop flight in a Bellanca *Pacemaker* from Tokyo to Wenatchee, Washington in 41 hours 10 minutes winning the $25,000 prize from a Japanese newspaper.

Oct. 4, 1957 The Soviet Union launched the first Earth satellite, Sputnik I. It burned up on January 4, 1958 when it reentered the atmosphere.

Oct. 4, 1958 BOAC inaugurated jet aircraft transatlantic passenger service with de Havilland *Comet IV's* from London to New York and vice versa.

Oct. 4, 1967 Colored moving lights in the evening sky over Shag Harbor, Nova Scotia, five miles southwest of Weymouth attracted the attention of many people in the area to what became an official, documented UFO which entered the water.

Oct. 5, 1882 Robert H. Goddard was born in Worcester, Massachusetts.

Oct. 5, 1905 Orville Wright flew a Wright biplane 24.2 miles in 38 minutes at Dayton, Ohio setting a world distance and duration record.

Oct. 5, 1914 In the first true air combat French pilot Sgt. Frantz and Gunner Cpl. Quenault shot down an Aviatic near Rheims, France.

Oct. 5, 1918 Roland Garros killed in air combat in France.

Oct. 5, 1919 Army Lt. Frank Seifert tried to fly a Fokker D.VII from Rockwell Field to San Francisco to enter the Transcontinental Reliability Race. On the way up the coast the plane broke a propeller, two spark plugs and the magneto failed. He returned in disgust. Seifert was a friend of the old museum.

Oct. 5-9, 1930 Laura Ingalls flew from New York to Los Angeles in 30 hrs., 27 min. flying time in a DH Moth (like the museum airplane).

Oct. 5, 1951 First flight of the Convair 340 by Sam Shannon from Lindbergh Field.

Oct. 6, 1912 Lt. John Towers, USN, took off the water in the Curtiss A-2 pusher at Annapolis, Maryland then set an American endurance record of six hours and 10 minutes.

Oct. 6, 1922 Lts. Kelly and Macready, A.S., establish longest duration flight over San Diego flying in a Fokker T-2 from Rockwell Field – 35 hrs., 18 min., 30 sec. (unofficial). When they took off they were headed for New York but decided not to try to fly over the mountains in the fog.

Oct. 7, 1936 Pan American Airways opened a six-day passenger service across the Pacific from San Francisco to Manila flying Martin M-130 *Clippers.*

Oct. 8, 1890 Edward V. Rickenbacher was born in Columbus, Ohio. He changed the spelling of his last name when he entered the Army in WW I.

Oct. 8, 1919 Start of the Army transcontinental reliability and endurance test between New York and San Francisco mostly by DH-4's. Ten planes made the round trip.

Oct. 8, 1932 Jacqueline Cochran, 23, arrived at San Diego and enrolled at the Ryan School of Aeronautics as a student for a transport license.

LEAVE THESE FOR THE DOCENTS TOMORROW

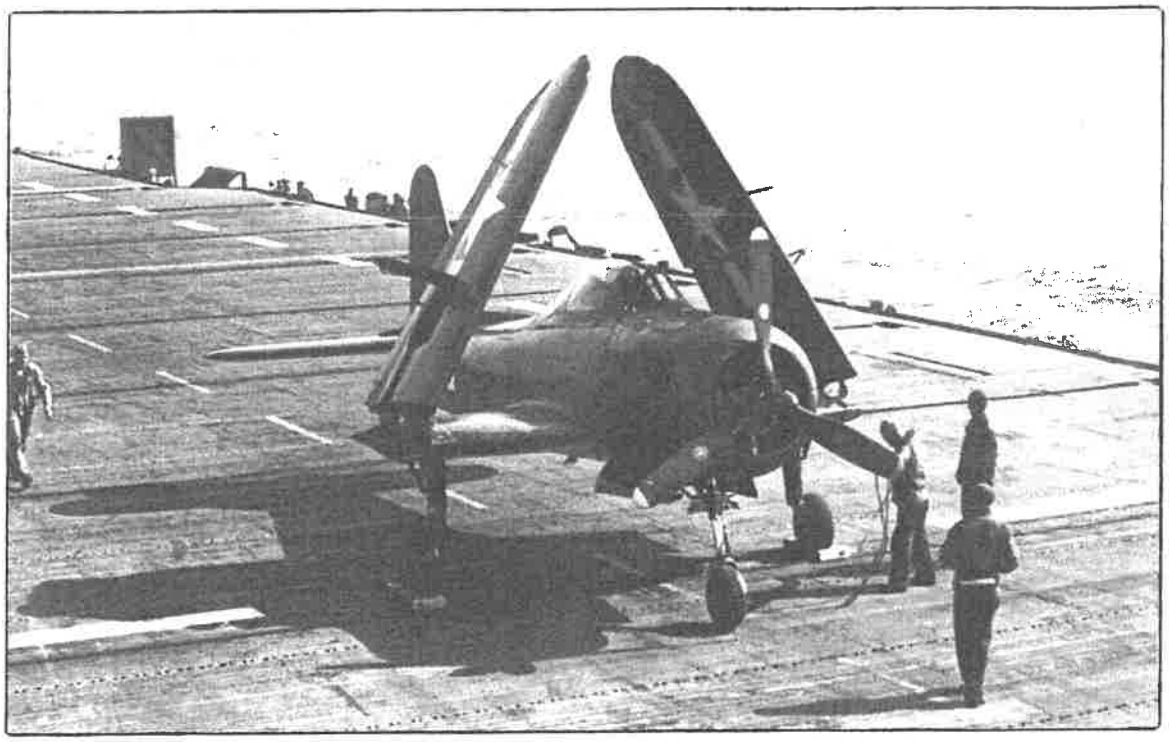
OUT OF THE PAST THIS WEEK
SEPTEMBER 25 TO OCTOBER 1

September 1916 At San Diego W.E. Walkden advertised his book for sale for $1.00, How To Understand Aeroplanes, 4th Edition Illustrated.

September 1916 The San Diego Union advertised the latest thing in jewelry, a nose ring.

September 1925 The Rockwell Field Adjutant, Army Lt. Bernard Castor, got War Department orders for Luke Field, the Army aviation base on Ford Island, Honolulu, named for the famous balloon buster in the war.

September 1926 San Diego City Manager Rhodes filed a report with the City Council stating the tideland north of Laurel Street was best suited for a municipal airport. The facilities would include radio, telephone and telegraph service, and a white circle one hundred feet in diameter in the center of the airfield. It took almost two more years.



September 1946 One Ryan FR-1 *Fireball* burned up in the old museum. Only 66 were built after the XFR-1. Two FR-1's became XFR-4's that went over 500 mph.

Sep. 25, 1918 Eddie Rickenbacker shot down a Fokker D.VII and a Halberstadt CL.II and later got the Congressional Medal of Honor for his eighth and ninth victories.

Sep. 25, 1917 Two Army flying cadets, Fitzsimmons and Poynter, were arrested during a raid on a disorderly house at 1216 State Street with three women in compromising positions. San Diego Union news item. I don't believe it.

LEAVE THESE FOR THE DOCENTS TOMORROW

Sep. 25, 1921 The body of Navy enlisted pilot Charles I. Aler, BMC, USN, a victim of the (British-built for the US) ZR-2 dirigible disaster at Hull, England, arrived at San Diego and was buried with full military honors in todays' Fort Rosecrans National Cemetery.

Sep. 26, 1918 Rene Fonck shot down six German planes bringing his score to 68.

Sep. 26, 1947 Defense Secretary Forrestal ordered the transfer of AAF personnel, bases and materiel to the new Department of the Air Force.

Sep. 27, 1916 Francis "Doc" Wildman went flying in the Army Martin TT, No.38 from North Island. After a control wire jammed he crashed with some bruises, his first accident after 115,000 miles of flying. Wildman died in San Diego on August 13, 1956 at age 73.

Sep. 28, 1927 Charles Lindbergh flew the *Spirit of St. Louis* from Dallas to Oklahoma City, Oklahoma in three hours via four other cities on the way.

Sep. 28, 1927 Maddux Air Lines published its first ad in The San Diego Union. An hour and 15 minute schedule from Los Angeles arriving at Ryan Field at Dutch Flats at 11:45 a.m. and departing at 3 p.m. in an all-metal Ford Stout Cabin Liner with 12 passengers, $15.00 one way, daily Monday through Friday. They were so noisy you could not hear people talk.

Sep. 29, 1918 Frank Luke burned three balloons then was shot from the ground. Fatally wounded he landed. His score in 17 days was 17 balloons and four planes. He got the Medal of Honor. His teenage fiance in San Diego was heartbroken.

Sep. 30, 1920 The NAS, San Diego LTA Department lost the Goodyear C-6 blimp on a flight to Los Angeles. It struck a mountain near Hollywood. Pilot Lt. MacDonald broke both legs below the knees as the gondola rolled to the bottom of a 200-foot canyon near Sunset Boulevard.

Sep. 30, 1958 NACA, the National Advisory Committee for Aeronautics, ceased to exist. It had been established on March 3, 1915.

Oct. 1, 1916 In a photograph of Army flight students at North Island was Lt. J.T. McNarney. Years later he became president of Convair. Also in the photo was flight instructor Doc Wildman, Capt. H.H. Arnold, and George Hallett, an engine instructor. Hallett, Historian at the San Diego Aero-Space Museum in the 1960's, died in 1982 at the age of 92.

Oct. 1, 1917 A Sopwith Camel took off from a platform mounted on a gun turret of the British battle cruiser *Repulse* while underway.

Oct. 1, 1917 Robert W. Service poem in The San Diego Union.

Working here in the dugout,
Smoking me black dudeen,
I'd like to say in a general way,
There's nothing like Nickyteen.
There's nothing like Nickyteen, me boys,
Be it pipes, snipes or cigars;
So be sure that a bloke has plenty to smoke
If you wants him to win your wars.

Oct. 1, 1958 NASA, the National Aeronautics and Space Administration, was established.

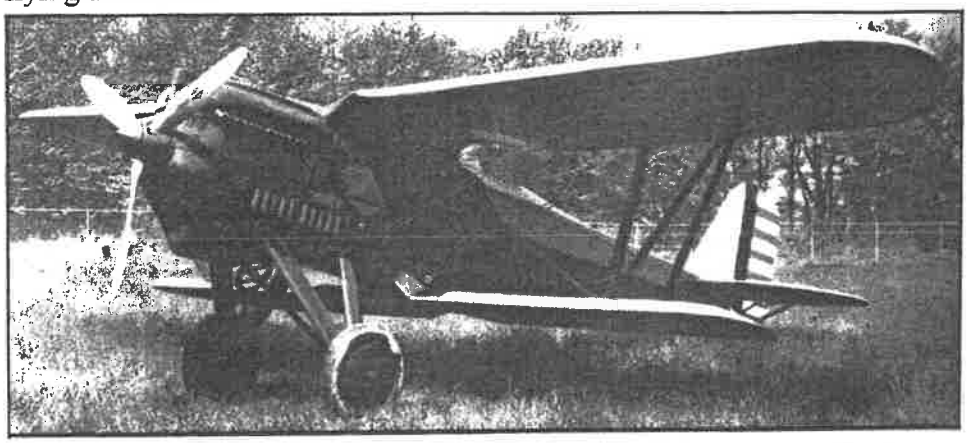
LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
SEPTEMBER 18 TO 24

Sep. 18, 1918 Frank Luke shot down two balloons, two Fokker D.VII's and a Halberstadt CL.II in 10 minutes bringing his score to 13, the leading American ace.

Sep. 18, 1930 Ruth Alexander died in the crash of her Barling NB-3 monoplane beside Plumosa Park in Loma Portal after taking off from Lindbergh Field at 3:28 a.m. on a one-stop flight to New York. See her name on the metal plaque by Women In Aviation. She was the third female aviator to die at San Diego in a year. She was married to Ensign Robert Elliott on the USS SARATOGA. Her divorce wasn't final from her second marriage.

Sep. 18, 1931 Century-Pacific Air Lines began service from San Diego to Phoenix flying tri-motors.



Sep. 18, 1932 Six Berliner-Joyce PB-1 two-seater pursuit planes took off from Rockwell Field for Selfridge Field, Michigan after a two-day visit.

Sep. 18, 1940 251st Coast Artillery Regiment, California National Guard, moved from the Ford Building in Balboa Park to Ventura, California on active duty.

Sep. 19, 1783 **First** free flight of living creatures, a sheep, duck and a cock, in a Montgolfier balloon basket over Paris. We sent up a monkey in a spacecraft.

Sep. 19, 1919 President Wilson spoke at Balboa Stadium pleading for the US to join the League of Nations. The stadium is still there.

Sep. 19, 1960 The USAF successfully flew an Atlas ICBM over a 9000-mile course from Cape Canaveral to a predetermined area in the Indian Ocean.

Sep. 20, 1943 **First** flight of the Convair XPB4Y-2 *Privateer* by Phil Prophett from Lindbergh Field.

Sep. 20, 1951 The USAF made a first successful recovery of animals in rocket flight when a monkey and 11 mice survived an Aerobee flight to an altitude of 236,000 feet.

Sep. 21, 1913 **First** pilot to fly inverted in sustained flight was Adolphe Pegoud in a Bleriot monoplane at Buc, France.

LEAVE THESE FOR THE DOCENTS TOMORROW

Sep. 21, 1925 The San Diego Board of Air Control wanted to charge fees for pilot and airplane licenses. The City Council would vote on them at their next meeting. Student pilot $1.00; Private pilot $2.00; Commercial pilot $5.00; Private plane $2.00 and Commercial plane $5.00. The US wasn't into regulating civil aviation until 1927.

Sep. 21, 1926 Rene Fonck and his crew crashed their Sikorsky S-35 during takeoff from Westbury, Long Island for a flight to Paris to win the Raymond Orteig $25,000 prize. The radioman and mechanic died. Lt. Curtin and Captain Fonck survived.

Sep. 21, 1927 After Charles Lindbergh landed the *Spirit of St. Louis* at Dutch Flats he attended a celebration in Balboa Stadium before 60,000 San Diegans.

Sep. 21, 1942 **First** flight of the Boeing XB-29 *Superfortress.*

Sep. 21, 1956 A Navy Grumman F11F-1 *Tiger* shot itself down by running into 20 millimeter projectiles it had fired seconds earlier.

Sep. 21, 1964 **First** flight of the North American XB-70A *Valkyrie.*

Sep. 22, 1914 **First** RFC raid into Germany; Lt. Collett bombed Dusseldorf.

Sep. 22, 1924 Three Douglas World Cruisers landed at Rockwell Field. Two of them had completed flying all around the world from San Diego. Two of them are on exhibit in museums today.

Sep. 22, 1927 Charles Lindbergh watched the planting of three trees from his home town in Balboa Park. Everyone sang America. Today, the Park and Recreation Department has no idea where the trees were planted.

Sep. 23, 1911 Flying a Bleriot Earle Ovington became America's first airmail carrier over a set route in New York state. The Postmaster General appointed him Air Mail Pilot No. 1.

Sep. 23, 1915 Ltn. Manfred von Richthofen scored his first victory, not confirmed.

Sep. 23, 1916 Twelve German naval airships raided England. L.32 and L.33 were shot down. Kiffin Rockwell of N.124 Escadrille Lafayette killed in combat.

Sep. 23, 1917 Werner Voss in his Fokker Dr.I triplane fought off six S.E.5's before being shot down and killed. He had 49 victories at the age of 20.

Sep. 23, 1921 Army pilots sank the battleship USS ALABAMA in Chesapeake Bay with a 2000-pound bomb.

Sep. 23, 1929 Peaches Wallace, 19, soloed in a Waco 10 at Ryan School of Aeronautics at Dutch Flats. See her name on the plaque by Women In Aviation.

Sep. 23, 1931 Lt. Pride landed a Pitcairn XOP-1 autogiro aboard the USS LANGLEY(CV-1) near San Diego then took off.

Sep. 24, 1918 LT(jg) D.S. Ingalls shot down a Rumpler over Nieuport, France to become the Navy's **first** ace, his fifth victory in six weeks. Ingalls flew with RAF 213 Squadron.

Sep. 24, 1929 Lt. James Doolittle completed an instrument flight of 15 miles in the enclosed cockpit of a Consolidated PT-3 *Husky* from Mitchel Field, Long Island with a check pilot in the other cockpit. Another history states they took off, flew a short distance and landed, the **first** blind flight.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
SEPTEMBER 11 TO 17

Sep. 11, 1917 In his Spad Charles Guynemer, with 54 victories, disappeared in an air battle and was never seen again.

Sep. 11, 1941 Martin displayed the 70-ton, four-engine *Mars* flying boat.

Sep. 12, 1916 In Russia seven German fighters attacked a Sikorsky 4-engined heavy bomber. Three were shot down before the bomber went down in flames. It was the only Sikorsky lost in combat.

Sep. 12, 1917 It was the worst accident in North Island history. Army flight students Lyman and Walsh collided headon in their Curtiss JN-4B's at about 1200-feet over the field at 7:27 a.m. Both gas tanks exploded. The engines pushed back into the cockpits. Identification of the bodies was almost impossible. Walsh fell from the wreckage at about 500-feet and the engines fell on him. As a result the CO made the aviators start wearing monel metal ID tags around their necks. That was the beginning of wearing ID tags in the armed forces.

Sep. 12, 1918 In France Lt. Frank Luke shot down his first balloon. While learning to fly at North Island in 1917 he became engaged to a girl at San Diego High School.

Sep. 12, 1927 Charles Lindbergh flew the *Spirit of St. Louis* from Butte, Montana to Spokane, Washington.

Sep. 12, 1932 At Fallbrook immigration agents arrested two aviators beside their airplane full of 165 gallons of whiskey they flew up from Mexico.

Sep. 13, 1914 Parachute designer Charles Broadwick jumped from a Burgess over North Island as a demo before the Army flyers. They did not buy any.

Sep. 13, 1919 After 24 days the search for Connolly and Waterhouse, the two missing Army aviators from North Island on Border Patrol, was called off.

Sep. 14, 1921 Navy Lt. L.T. Kittredge set a Pacific Air Force record with a Lewis machine gun mounted on the gunner's cockpit of a Vought biplane scoring 194 hits out of 194 shots on a sleeve target towed by a DH-4.

Sep. 14, 1938 A radio-controlled Curtiss N2C-2 flying from Otay Mesa simulated a dive bombing attack on USS UTAH off the coast of San Diego.

LEAVE THESE FOR THE DOCENTS TOMORROW

Sep. 15, 1918 Fifty German aircraft raided Paris for the last time. Two were lost. Frank Luke shot down three balloons bringing his score to six.

Sep. 15, 1920 The Navy Goodyear blimps C-6 and B-18 completed round trip flights to Los Angeles from North Island.

Sep. 15, 1922 G.A.Porter, Aviation Carpenters Mate First Class, left the Navy at North Island after his hitch was up. In his surplus Sopwith 1-1/2 Strutter he and his friend lashed their seabags to the wings and flew to his home at Longmont, Colorado. He had purchased the plane for $500 with a Curtiss OXX-6 engine, and overhauled the airframe in his spare time.

Sep. 15, 1927 A Chinese couple in Chicago named their newborn son One Long Hop in honor of Charles Lindbergh. Two Hops are in the San Diego phone book. An exact copy of the Ryan *Spirit of St. Louis* was completed for a Japanese company. It was destroyed by Americans in 1945.

Sep. 16, 1910 **First** flight by a woman pilot in the U.S. was made by Bessica Raiche at Mineola, N.Y. She died in 1932. Ref: New York Times

Sep. 16, 1915 President Taft spoke to an audience at the Spreckels Organ Pavilion.

Sep. 16, 1926 An air mail pilot named Charles Lindbergh parachuted safely from his DH-4 low on gas in a heavy fog at an altitude of about 4000 feet 11 miles north of Ottawa, Illinois. It was his third parachute jump from an airplane to save his life.

Sep. 16, 1927 Martin Jensen took off from Camp Kearny in a Ryan Brougham carrying the MGM lion on a PR flight to New York. He crashed in the Arizona mountains. Both survived.

Sep. 17, 1908 **First** fatality to an occupant of a powered aeroplane was Army Lt. T.E Selfridge in a Wright biplane at Fort Myer, Virginia. Orville Wright, the pilot, was seriously injured.

Sep. 17, 1911 Cal Rodgers began his flight in the Wright EX from New York to Pasadena to win $50,000 if he was first to do it in 30 days or less. It took him 49 days and about 15 accidents in the *Vin Fiz*, named for a soft drink sold by the company that financed him.

Sep. 17, 1914 Army Capt. Cowan, CO of the school at North Island, made an official call by air on the Navy. In San Diego bay USS CALIFORNIA was being rechristened USS SAN DIEGO. Doc Wildman flew Cowan to the ship in a Curtiss flying boat, landed and taxied near the gangway. Cowan went aboard, paid his respects to the CO then flew back to North Island.

September 1915 A steel dart used by aviators in the war to drop in bunches on enemy troops arrived at San Diego. They never became decisive weapons.

September 1929 **First** flight of Alan Essery's sailplane at Pacific Beach. The old museum had one of his sailplanes on exhibit.

September 1930 There were two kinds of flyers – old ones and hot ones.

September 1949 Aircraft in the Ford Building included an AT-6, BT-13, F4F, PT-17, and PT-22 for the aircraft mechanics school. Engines were turned up in the building. A Kawanishi *George* was also stored in there. Today, the people who remember the Japanese plane refer to it as a Zero.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
SEPTEMBER 4 TO 10

Sep. 4, 1913 Army Lt. M.L. Love crashed on North Island in a Burgess J, the third aviator killed in the San Diego area. Love Field at Dallas, Texas was named for him in 1917.

Sep. 4, 1922 First coast-to-coast crossing by air in one day from Pablo Beach, Florida to Rockwell Field, San Diego by Lt. James Doolittle flying a DH-4B.

Sep. 4, 1928 The San Diego High School paper explained what had happened to the Navy Martin MO-1 given to the school in February. During the summer the gas tank had been removed, wheels, turnbuckles, wires and detachable accessories had been stolen. The remains were used for gliders built by the students.

Sep. 4, 1935 Louise Thaden and Blanche Noyes won the Bendix Trophy Race, setting a women's east-west transcontinental speed record, from Floyd Bennett Field, New York to Los Angeles in 14 hours 55 minutes flying a Beechcraft.

Sep. 4, 1946 The world premiere of the motion picture GALLANT JOURNEY starring Glenn Ford as John J. Montgomery was held at the Spreckels Theatre. Earlier that day there was a ground-breaking ceremony at the monument on Wheeler Hill in Otay. The monument has graffiti today.

Sep. 5, 1924 Air Service pilots used pigeons on long flights. Captain Ervin released two birds from his DH-4B at 5000 feet over Imperial Valley. The trained pigeons returned to North Island. Three Douglas World Cruisers landed at Boston, Massachusetts on their way around the world. Lt. Arnold flew CHICAGO, the spare airplane.

Sep. 5-6, 1927 At Mission Beach there was wing-walking and parachute jumping.

Sep. 5, 1929 Airtech advertised rides in the Solar MS-1 at a penny-a-pound for adults.

Sep. 5, 1960 The McDonnell F4H-1 *Phantom II* flew 1,216 mph, a new world's record.

Sep. 6, 1915 Tiny Broadwick, performed a double parachute jump from a Martin TT at 2500 feet over Balboa Park during the Exposition. Tiny was a lady.

Sep. 6, 1942 The VIII Bomber Command lost its first aircraft when two B-17's failed to return from a strike on the Avions Potez aircraft plant at Meaulte, France.

Sep. 6, 1944 Two V-2 missiles fired at Paris. One arrived.

Sep. 7, 1911 Lt. Ellyson made a successful takeoff from an inclined wire in a Curtiss seaplane at Hammondsport, New York. What were they trying to prove?

Sep. 7, 1917 The Navy adopted a badge to be worn by all qualified Naval Aviators on the left breast, essentially the same "wings" worn today.

Sep. 7, 1942 First flight of the Convair XB-32 by Russell Rogers from Lindbergh Field.

Sep. 8, 1920 Transcontinental air mail service by the Post Office began between New York City and San Francisco flying rebuilt DH-4's. Of the first 40 pilots, 31 were killed in accidents before private airlines took over the job.

Sep. 8, 1925 The Marine aviators on North Island, 50 officers and 250 enlisted men, reorganized into the Second Aviation Group with VO-1M flying pursuits

LEAVE THESE FOR THE DOCENTS TOMORROW

and DH-4's, VF-3M flying Voughts, and the Utility Squadron flying two Martin MB bombers and a few JN's.

Sep. 8, 1927 Art Goebel and Bill Davis flew the Travel Air Woolaroc to North Island. They had won the Dole Race flying the monoplane.

Sep. 8, 1944 The first V-2's fell on England.

Sep. 8, 1947 A V-2 rocket was fired from USS MIDWAY.

Sep. 8, 1948 First flight of the ConvairXF-92A by Sam Shannon at Muroc.

Sep. 9, 1919 NAS, San Diego received a reconditioned Hanriot HD-1 from the Naval Aircraft Factory for training airmen.

GRAF ZEPPELIN at Los Angeles before flying over San Diego.

Sep. 9, 1929 In ceremonies the San Diego air-route pass between San Miguel and Jacumba was named in honor of Dr. Hugo Eckener. The GRAF ZEPPELIN had flown that route on August 27 after passing over San Diego at 2:30 a.m.. Today an Eckener flower grows there in his memory.

Sep. 9, 1934 The American Rocket Society No. 4 rocket went 700 mph at Staten Island, the first supersonic rocket.

Sep. 9, 1936 The California Pacific International Exposition in Balboa Park closed with a two-year attendance of 7,220,000. The Ford Building remained closed until the local artillery unit moved in.

Sep. 9, 1937 First flight of the Sikorsky XPBS-1 four engine flying boat.

Sep. 9, 1959 The first operational Convair Atlas ICBM launch from Vandenberg Air Force base was successful.

Sep. 10, 1926 Ryan Airlines completed moving into the old fish cannery at the foot of Juniper Street for increased production of M-1 monoplanes. We have one.

Sep. 10, 1945 USS MIDWAY(CVB-41) was commissioned at Newport News, Virginia.

September 1925 Norman Goddard and his wife lived at 1862 Rosecrans. The Naval Training Station CO let him use the land for an airfield.

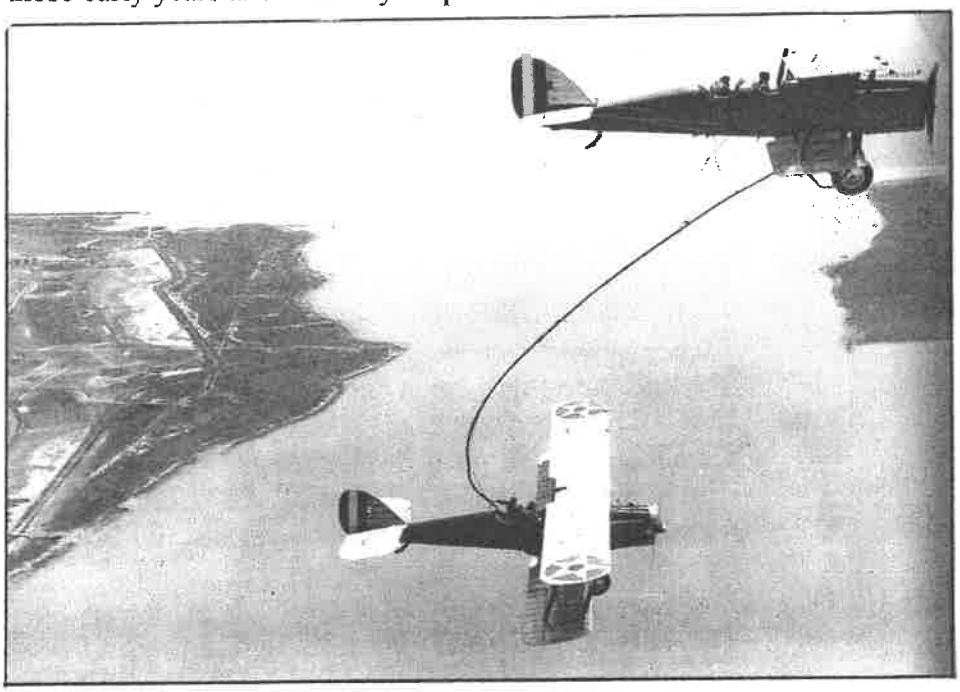
September 1928 La Jolla completed a private airfield bordering the Muirlands golf course, 1500 feet by 500 feet, complete with an air sleeve or "frog"(sic).

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
AUGUST 28 T0 SEPTEMBER 3

August 1917 By late August San Diego Union readers complained about the term "Sammy" for American soldiers in Europe authorized by General Pershing. Some of the other suggested terms were Braves, Eagles, Amexes, Glorians, Buffaloes, Beavers, Gallants, and USA's. Yanks was considered unsuitable by a Southerner.

Aug. 28, 1883 John J. Montgomery flew his glider 600 feet down Wheeler Hill in Otay. Some years later eye witnesses testified in court that he flew his glider in those early years and that they helped him.



Aug. 28, 1923 Capt. Smith and Lt. Richter landed their DH-4B at Rockwell Field at 6:19 pm after flying since 5:04 a.m. on August 27, and being refueled with gas and oil 11 times in the air including three meals. Their flight broke six world records.

Aug. 28, 1926 The Department of Commerce received its first airplane, a DH-4 from the Post Office. It would become the first licensed airplane in 1927.

Aug. 29, 1928 The Navy Bureau of Personnel sent out a special call for volunteers to enter aviation. The Navy had 466 officer and 141 enlisted aviators.

Aug. 29, 1929 First round-the-world flight by a dirigible was completed by the Graf Zeppelin. It had flown over San Diego on the way across the U.S.

Aug. 29, 1940 Marine Lt. Galer ditched his Grumman F3F-2 off the coast of San Diego. In 1994 Aerospace Museum volunteers restored the airplane. Galer visited the museum workshop during the restoration period. Now the fighter is in the Pensacola museum.

LEAVE THESE FOR THE DOCENTS TOMORROW

Aug. 30, 1929 Peaches Wallace, 19, won the San Diego Sun-Ryan School of Aeronautics contest for a free transport pilot flying course on Barnett Avenue. Pacific Technical University would give her ground school. The San Diego Sun would print her experiences in the daily paper.

Aug. 31, 1915 Adolphe Pegoud, first airman to loop the loop two years before, was killed in aerial combat over the Western Front.

Aug. 31, 1924 The Army Round-the-World flyers reached Canada sleeping at Icy Tickle, Labrador that night after five months and 14 days "on the road."

Aug. 31, 1925 Cdr. Rogers, Lt. Connell and the crew of PN-9 flew from San Pablo, California, force-landed in the ocean near the Hawaiian Islands, made a sail from wing fabric then sailed for 10 days before rescue. Wow!

Aug. 31, 1945 The San Diego Flying Club began flying again with an Interstate L-6 and a Porterfield 35-W from Gibbs Airport(Montgomery Field today. Bill Gibbs is still alive.). Private flying stopped on December 8, 1941.

Aug. 31, 1926 The San Diego Union article stated Martin Jensen and his wife had been married in an airplane at San Diego the year before.

Aug. 31, 1928 Five German warplanes arrived at Mahoney Field. One Sikorsky bomber and four Fokker D.VII's were the property of a Hollywood film company.

August 1928 The 1927 Prudden TM-1 tri-motor built at San Diego was rebuilt as a single engine, eight-place airplane designated SE-1 and licensed X-5728.

Sep. 1, 1917 The Red Baron shot down his 60th victory, an RE8.

Sep. 1, 1919 USS AROOSTOOK(CM-3) entered San Diego bay as the first flagship for naval aviation on the west coast. Captain J.H. Tomb was the CO. During the war the ship had destroyed 17 German submarines.

Sep. 1, 1927 Maddux Air Lines opened passenger service between San Diego and Los Angeles flying Ford tri-motors.

Sep. 1, 1937 First flight of the Bell XFM-1 *Airacuda.*

Sep. 2, 1916 The most Zeppelins at one time raided England in the war when 12 naval airships and four Army airships attacked. Four people were killed with $80,000 damage. Army airships never hit England again.

Sep. 2, 1917 The San Diego Union printed the names of 144 Army cadets at North Island, a full quota for the first time at the flying school.

Sep. 2, 1921 The American Legion tried to persuade Congress to create a Bureau of Civil Aviation in the Department of Commerce to license pilots and airplanes. It did not happen until December 31, 1926.

Sep. 2, 1922 An advertisement in The San Diego Union: DAVE'S WAFFLES Make City Famous at 108 Broadway. Open Until Midnight.

Sep. 3, 1925 The airship USS SHENANDOAH crashed in Nobel County, Ohio during a storm with 14 fatalities including the CO, LCDR Lansdowne.

Sep. 3, 1927 Charles Lindbergh flew the *Spirit of St. Louis* from Cheyenne to Salt Lake City, Utah.

September 1941 During the month C.J. Rust, Ryan production test pilot, flew 18 new Ryan PT-22's from Lindbergh Field on their initial test hop.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
AUGUST 21 TO 27

Aug. 21, 1917 Eight Zeppelins raided England at 20,000 feet, out of the reach of AA and aircraft, but lack of oxygen made the crew useless.

Aug. 21, 1919 Fifteen airplanes searched for the two Border Patrol flyers missing on August 20, Connolly and Waterhouse, but found no trace. Major T.C. Macaulay flew south of the border searching. No luck.

Aug. 21, 1924 The Aviation Committee of the San Diego Chamber of Commerce would urge the city to build a municipal flying field to accommodate aerial mail planes, commercial airmen and aerial tourists, and to pass legislation curbing stunt flyers. The proposed airport site was the reclaimed tidelands south of the new flying field at the Marine base.

Aug. 21-25, 1927 The Navy searched for the missing Dole Race flyers without success.

Aug. 22, 1917 One of the officers in the 18th Aerial School Squadron at North Island was Captain Reuben Fleet of the Washington National Guard. He was learning to fly.

Aug. 22, 1923 Another aerial refueling endurance record at San Diego was planned by Major Henry Arnold. Three pylons were arranged. One was the tall chimney at the Marine Brigade Post. No.2 was one-half mile southeast of Nestor and No.3 was on Rockwell Field. At night Nos. 2 and 3 would be lit by bonfires. A powerful searchlight would illuminate the chimney on the Marine base.

Aug. 22, 1928 San Diego Air Service contracted for its hangar, the first one built on Lindbergh Field. It cost $8000.

Aug. 22, 1938 The Civil Aeronautics Act became effective coordinating all non-military aviation under Civil Aeronautics Authority(CAA).

Aug. 23, 1926 Capt. Rene Fonck took up the Sikorsky S-35 on a test flight. It was built for his New York to Paris nonstop flight.

Aug. 24, 1918 Major William Ream was killed in an airplane crash in Illinois on a Liberty loan drive. Then the Army named the airfield at Imperial Beach for the officer. He had been the flight surgeon at Rockwell Field and an RMA, Reserve Military Aviator. Field name changed in 1968 by Navy.

Aug. 24, 1922 A Vought biplane from North Island over Lake Elsinore swerved and nosedived into two feet of water. The pilot and crewman died.

Aug 24, 1929 The first Continental Air Express Lockheed Vega, C7468, was serviced at Lindbergh Field. It was the third airline established at San Diego.

Aug. 24-25, 1932 Amelia Earhart flew her Lockheed *Vega* nonstop from Los Angeles to Newark, N.J. in 19 hrs. 5 min., a new women's record.

Aug. 25, 1915 Russian aviator Colonel Lvov visited the Signal Corps Aviation School on North Island. He got a 30-minute ride from Doc Wildman in a hydroplane. Wildman died in San Diego on August 13, 1956.

Aug. 25, 1916 Glenn Martin and Chance Vought came to San Diego to witness the flight tests of the Martin R.

LEAVE THESE FOR THE DOCENTS TOMORROW

Aug. 25, 1927 Charles Lindbergh flew the *Spirit of St. Louis* from Minneapolis to Little Falls, Minn. via Savage, Shakopee, St. Cloud, Melrose and Sauk Center, Minn. People alive today treasure the memory of seeing the airplane.

Aug. 26, 1919 Jimmy Hennessey flew his Curtiss biplane from Balboa Park to Venice on business. He was trying to start an air service. It did not pan out.

Aug. 27, 1923 Lts. Smith and Richter made a world endurance flight of 37 hrs. 15 min. over Rockwell Field refueling their DH-4 from another DH-4 in the air. They landed the next day.

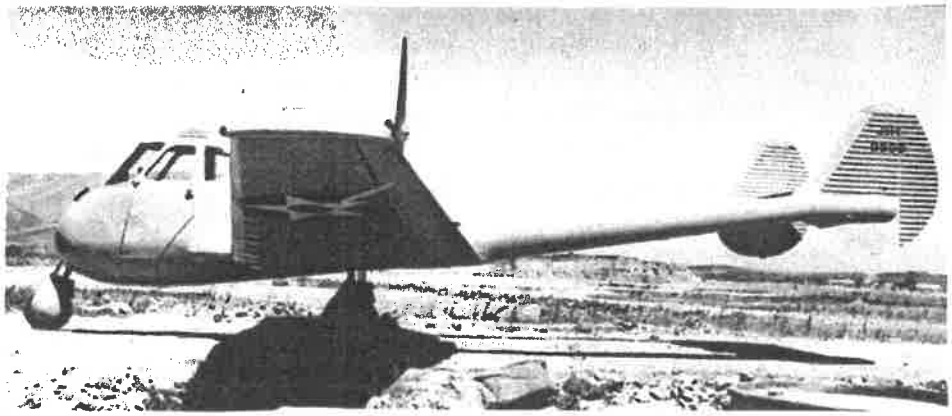
Aug. 27, 1929 The Graf Zeppelin flew over San Diego at about 2:45 a.m. on its last lap of a flight around the world. The engines sounded like a "tiny cyclone."

Aug. 27, 1931 The Dornier Do-X arrived at New York after flying from Switzerland via Africa and South America. It had 12 Curtiss Conqueror engines.

Aug. 27, 1923 The aerial refueling DH-4 delivered a variety of items besides gasoline and oil to Smith and Richter in the record-setting DH-4 over San Diego. They included cushions, lunch, hot dinner with blackberry pies, and breakfast with ham, eggs and toast.

FROM SAN DIEGO LOG BOOK ENTRIES AND OTHER SOURCES

DATE	PILOT	AIRCRAFT	FROM	REMARKS
8-21-38	W. McClain	Flagg FLAGGSHIP	North Island	First flight for racer after rebuild
8-21-46	Doug Kelley	Rohr-McCreery MR-1	Lindbergh Field	First flight
8-22-45	W.J. Martin	PB4Y-2 59649 1h 40m	Lindbergh Field	Longitudinal 140 stability
8-23-41	Cliff Adams	Luscombe NC28401 1 hr	Gibbs Field	Test flight
8-23-61	LCDR Baumann	F3H-2 133579	NAS Miramar	Sidewinder shoot
8-23-58	Morris	J2F-6 33594	Torrance to La Mesa Airport	Ferrying



8-24-38	Unk controller	Stearman-Hammond JH-1 drone	Otay Mesa	Target for RANGER AA
8-24-40	Bill Luffe	Waco INF NC605Y	30 min	Peik Field to north San Diego solo
8-24-45	CDR Burns	Culver TD2C 75960	1.1hr	Santa Ana to Otay Mesa Administrative
8-25-26	Maj. Rowell, USMC	Boeing NB-1	Phoenix to North Island	Ferry from Pensacola
8-26-92	Gail Le Roux	Cessna 150 N2719J	Montgomery Field	First supervised solo
8-27-29	Hugo Eckener	Graf Zeppelin	Over San Diego enroute east coast 2:30 am	
8-27-38	Arnold Peik	Aeronca K NC18854	Peik Field	Instruction

The J2F-6 used to be on exhibit in the museum. Baumann, Luffe, and Gail Le Roux used to be museum volunteers.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
JULY 31 TO AUGUST 6

Jul. 31, 1916 Alexander Seversky shot down two German aircraft.

Jul. 31, 1932 Dr. Werner von Braun and Dr. Dornberger made the first rocket demonstration for the German Army.

Aug. 1, 1911 Harriet Quimby won pilot license, 1st ever issued by American Aero Club to a woman.

Aug. 1, 1915 Flying a Fokker E.I, Immelmann shot down a bomber, his first victory.

Aug. 1, 1918 Sgt. Joyce Kilmer, author of "Trees," killed in action. Rene Fonck shot down a Fokker D.VII, his 57th victory.

Aug. 1, 1941 First flight of the Grumman XTBF-1 *Avenger.*

Aug. 1. 1943 Lt. Lydia Litvak, highest scoring female combat pilot with 12 victories, was killed in action. Flying a Grumman J4F *Widgeon* Coast Guard Ens. White sank the U-166 off the Mississippi River delta. And 177 B-24 *Liberators* bombed the Ploesti, Rumania oil refinery.

Aug. 1, 1954 First hover flight of the Convair XFY-1 *Pogo* by J.F. Coleman at Moffett.

Aug. 2, 1918 A Curtiss trainer spun into Glorietta Bay killing Army student Cpl. Carl Christensen. They buried him at Fort Rosecrans National Cemetery. The instructor got out with severe bruising. Just one hour later Instructor R. Jacomini died on the Otay Mesa airfield in a training accident.

Aug. 2, 1928 Frank G. Courtney and three man crew were forced down in mid-Atlantic in a westbound flight attempt in their Dornier-Napier flying boat and then rescued. Courtney was a museum library volunteer before he died.

Aug. 4, 1919 After the Curtiss JN-4H engine failed at 100-feet Capt. Coon and Lt. Meng crashed the plane through the roof of the YMCA Bldg. 4, Camp Kearny. They walked out the door afterwards.

LEAVE THESE FOR THE DOCENTS TOMORROW

Aug. 4, 1938 YORKTOWN and ENTERPRISE made successful launchings of SBC-3 and O3U-3 aircraft from flight deck and hangar deck catapults in the first demonstration of hydraulic flush-deck catapults. 1938!!

Aug. 5, 1910 Bernard Roehrig took up Blanche Scott on his Farman around the Imperial Beach field at an altitude of 25 feet, second woman to fly at San Diego.

Aug. 5, 1912 T. Gunn, only Chinese aviator, flew Gen. Lan Tien Wor who said he would introduce aviation into the Chinese Republican Army.

Aug. 5, 1914 The Army pilots at North Island practiced bomb-dropping in Martin T, No. 31 from 1000 feet

Aug. 5, 1916 A San Diego couple flew with Meyerhoffer in his flying boat from the foot of Market Street on an aerial honeymoon trip, described as the first aerial honeymoon in the United States.

Aug. 5, 1918 A DH-4 shot down the *L.70* Zeppelin killing Peter Strasser, Leader of Airships. No more raids on England after that.

Aug. 5, 1940 Rohr Aircraft Corporation went to work in a building at Eighth and J Streets in San Diego.

Aug. 5, 1927 In The San Diego Union comics Mutt and Jeff decided to fly to Paris. After they landed in their open cockpit plane at Le Bourget a gendarme said, "American flyers are a nuisance," then hustled the pair to the bastile.

Aug. 6, 1922 From The San Diego Union: "Stunt flying must be ended. Airmen say a new era in safe and sane flying has arrived." (What do you think?)

Aug. 6, 1927 Charles Lindbergh flew the *Spirit* from McCook Field in Dayton, to Cincinnati, Ohio in one hour 15 minutes.

Aug. 6, 1945 The crew of the Boeing B-29 *ENOLA GAY* dropped the first atomic bomb in combat on Hiroshima, Japan, equal to 20,000 tons of TNT. Today the bomber is being restored by the National Air and Space Museum.

August 1916 A British Army officer had invented the wristwatch to save time. In the US the practice was still considered effeminate.

August 1927 During the summer the Mahoney company built on exact copy of Lindbergh's NYP, designated NYP-2, for two Japanese newspapers. Japan licensed it J-BACC. American soldiers destroyed it in Japan in 1945.

August 1930 Five different Bowlus gliders plus one Essery primany glider got their first flights at San Diego. On Essery glider burned in the old museum fire.

FROM SAN DIEGO LOG BOOK ENTRIES AND OTHER SOURCES

DATE	PILOT	AIRCRAFT	FROM	REMARKS
7-31-29	LT Chappelle	MCorps planes mid-air over North Is		Two chuted – all safe
8-1-31	C.N. James	Fokker FX-A	LA to Lindbergh	First FX at San Diego
8-1-49	CAP Ruf	TBM-3N 3.2hr	El Paso to North Is	Ferrying
8-2-27	C. Young	Buhl Airster NS-4	Landed NI	Inspected Dole Race A/C
8-3-27	D. Kelley	Ryan M-1 2345	Ryan Fd Local	Erickson took photos
8-4-26	LT Lemly	Vought VE-7	Ream Field	Deadstick on strand
8-5-10	B. Roehrig	Farman biplane	Imperial Beach	Flew Blanche Scott
8-6-14	Glenn Martin	Martin hydroplane	Coronado	Gave rides to society ladies

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
JULY 24 TO 30

Jul. 24, 1927 Charles A. Lindbergh flew the *Spirit of St. Louis* from Concord to Portland, Maine in two hours 45 minutes.

Jul. 24, 1928 From Air Currents in The San Diego Union. Arrivals: Buhl Sedan, Stearman, Stinson Detroiter and a Fairchild from Los Angeles. Travel Air from El Monte. Departure: Vought UO from NAS to Santa Monica.

Jul. 25, 1909 Louis Bleriot flew the English Channel in his Bleriot monoplane.

Jul. 25, 1926 Twenty-eight aviators formed the Caterpillar Club. They had saved their lives by parachuting instead of being killed in an airplane crash.

Jul. 25, 1930 DAWN PATROL opened at the Orpheum Theatre starring Douglas Fairbanks, Jr. The theatre had arranged to fly customers to Lindbergh Field from Chula Vista, El Cajon and La Jolla on July 27 for $1.50 including cab fare and theatre admission. Let's go!

Jul. 26, 1914 Tiny Broadwick dropped by parachute from an Army plane over Wonderland at Ocean Beach wearing a dress, her 1416th jump.

Jul. 27, 1918 Army aviators received new Thomas-Morse S-4 biplanes for advanced training. They were flown at Otay Mesa. The museum has one.

Jul. 27, 1929 CDR William Masec, NA58, was OINC of 34 planes that "attacked" GANNET(AM-41) with torpedoes, 12 DH-4's, nine Voughts, three Thomas-Morse, six F-5L's, and four Curtiss R-6's. Masek died July 17, 1970 and was buried at Fort Rosecrans National Cemetery.

Jul. 27, 1930 Peaches Wallace Glider Port was dedicated at Emerald Hills Golf Course. Today the building beside Hwy. 94 is a church on the hillside covered with houses with Emerald Hills recreation area behind it.

Jul. 27, 1932 Amelia Earhart landed at Lindbergh Field with her husband in her Lockheed Vega then Roscoe Turner landed with his lion, Gilmore.

Jul. 28, 1924 T.C. Ryan owned a new biplane, a Standard J-1 converted to hold four passengers in an enclosed cabin under the center section. He called it a Cabin Standard for the newspapers. It was named *ONEONTA*.

LEAVE THESE FOR THE DOCENTS TOMORROW

Jul. 28, 1927	The first Ford tri-motor landed on Dutch Flats beside Barnett Avenue carrying people surveying the San Francisco-San Diego-El Paso route for Maddux Air Lines to open.
Jul. 28, 1931	VF-6 pilots dropped their bombs on the radio-controlled destroyer STODDERT for bombing practice off the coast of San Diego. The same day the 11th Bombardment Squadron flew their Curtiss B-2 *Condors* from Rockwell Field through the Grand Canyon.
Jul. 28, 1932	There was a 420 Army and Navy plane review over San Diego honoring the National Editorial Association.
Jul. 29, 1917	There were three planes in aerial combat over the English Channel in THE LONE WOLF, a motion picture at the Cabrillo Theatre.
Jul. 29, 1923	The San Diego Union article described the two airfields along Barnett Avenue beside the Marine Brigade Post. T.C. Ryan managed one and Harold Russell the other. Photos showed Curtiss Jenny's, a Thomas-Morse Scout, a Standard J-1, and a Curtiss N-9 on wheels.
Jul. 29, 1955	Pres. Eisenhower approved plans to launch small unmanned earth satellites between July 1957 and December 1958.
Jul. 29, 1958	Pres. Eisenhower established NASA, redefining the space program.
Jul. 30, 1914	Two new Burgess H tractors arrived for the Army 1st Aero Squadron at North Island, making a total of five.
Jul. 30, 1915	RFC Caudron forced landing in Mesopotamia. Crew killed by Arabs.
Jul. 30, 1916	Raoul Lufbery shot down his first victory over Etain.
Jul. 30, 1927	Charles A. Lindbergh flew the *Spirit of St Louis* from Syracuse to Rochester to Buffalo, New York for a total three hours 15 minutes.
July 30, 1930	The Department of Commerce licensed the Solar XM-1 all-metal transport built at San Diego. On the same day Ruth Alexander was sworn in as America's first aerial deputy sheriff at San Diego.
July 1920	The Shipplane Division airplanes at North Island included four Thomas-Morse S-4C, two Hanriot HD-1 from USS MISSISSIPPI, four Nieuport 28's plus two Nieuport 28's with flotation gear, and four Curtiss JN-4H's.

FROM SAN DIEGO LOG BOOK ENTRIES AND OTHER SOURCES

DATE	PILOT	AIRCRAFT	FROM	REMARKS
7-24-25	Maj.Emmons	DH-4B	Rockwell Fd to March Fd	Sen. Bingham
7-25-22	Lt. Rohrbach	Vought VE-7 C300	North Is	Practice ACR Hardy
7-26-71	W. Beatty	Evans VP-2	Ramona	First flight
7-27-09	Donald Gordon	Gordon biplane	Bostonia	Very low and short
7-28-32	Lt. Offutt	Martin PM-1 SD bay	Hit USCG TAMAROA	2 fatal
7-29-30	W. Van Dusen	Essery hydroglider G372V	Emerald Hills	1st flight
7-30-35	Lt. Akers	Berliner-Joyce OJ-2	North Is to LANGLEY	Blind landing

Correction! See 4-21-18. The bullet that killed the Red Baron was lost in a flood not in a fire. Don Ferriolo was correct. Also see Cross & Cockade Journals in the library.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
JULY 17 TO 23

Jul. 17, 1910 At Ocean Beach on Sunday Professor Nemo's hot-air balloon caught fire during filling, ascended by itself on fire and came to earth a half mile from the Casino. Nemo's wallet was damaged for $250.

Jul. 17, 1928 Six sailors parachuted from two torpedo planes over North Island. On the same day Army pilot Lt. Keith Roscoe was buried at Fort Rosecrans. He had been killed in a crash in Iowa and was a graduate of San Diego High School.

Jul. 17, 1931 MGM filmed the last shots for the motion picture HELL DIVERS at North Island. Wallace Beery flew his own airplane to the base.

Jul. 17-18, 1938 Douglas Corrigan flew non-stop from Floyd Bennett Field, Brooklyn, New York to Baldonnel Airport, Dublin, Ireland in 28 hours 13 minutes in an old Curtiss *Robin*. Last time we saw Wrong Way was in the rotunda. He died on December 9, 1995. His son owns the 74-year old airplane . Corrigan helped build the *Spirit of St. Louis* in 1927.

Jul. 18, 1914 The Army formed the Aviation Section, Signal Corps with 60 officers and six aeroplanes.

Jul. 18, 1917 Camp Kearny was established as a training camp for the 40th Infantry Division. Named for Brig. Gen, Stephen W. Kearny commanding the Army of the West during the war with Mexico.

Jul. 18, 1928 The Marine Corps decided to complete an airfield beside the Marine Base at the earliest possible moment(sic). There would be no boundary between it and Lindbergh Field.

Jul. 18, 1943 The U-134 shot down the Goodyear K-74 blimp off the Florida Coast, the only airship lost to enemy action in World War II.

Jul. 19, 1911 During an Air Meet Glenn Martin and Beryl Williams made three flights at the Coronado Country Club, the "best flying seen at San Diego."

Jul. 19, 1934 Two Curtiss F9C-2's without landing gear dropped from the trapeze under the dirigible MACON. Guess where they landed.

Jul. 19, 1940 Virgil Seiveno, 19, and Austin Williams, 18, got in a tailspin over Otay Mesa and crashed a California Cub. Williams died. Seiveno worked on the Chula Vista police force years later.

Jul. 19, 1946 John Robinson set a U.S. glider distance record of 330 miles from Wichita Falls to Barstow, Texas. He also had flown at Torrey Pines.

Jul. 19, 1963 Joseph Walker flew the North American X-15 No.3 to an altitude of 347,800 feet at 3,710 mph.

Jul. 20, 1920 Swede Meyerhoffer, the flying boat operator at the foot of Market Street when the war began, was killed propping his biplane at McArthur, California. His mechanic in the cockpit screwed up.

Jul. 20, 1924 On the sixth attempt Floyd Parsons transferred from the speedboat *MISS SAN DIEGO* to the rope ladder hanging from Frank Sheltz' Curtiss *Jenny* over San Diego bay near the Hotel del Coronado.

LEAVE THESE FOR THE DOCENTS TOMORROW

Jul. 20, 1969 Astronaut Neil Armstrong took man's first step on the moon at 10:56:15 p.m. about 33 years ago.

Jul. 20, 1953 First flight of the Martin B-57A *Canberra.*

Jul. 20, 1927 Col. Charles Lindbergh landed the *Spirit of St. Louis* at Hartford, Connecticut, the first of 75 cities on his nationwide tour. The speed limit on California highways was 40 mph.

Jul. 21, 1905 The boilers in the gunboat USS BENNINGTON exploded in San Diego bay killing 60 men. Fort Rosecrans cemetery has most of them.

Jul. 21, 1926 Navy man Harry Doucett designed a parachute with a 50-foot diameter to lower an airplane.

Jul. 21 to Aug. 17, 1930 Dale Jackson and Forest O'Brien set a aerial refueling duration record of 647 hours 28 minutes in a Curtiss *Robin.*

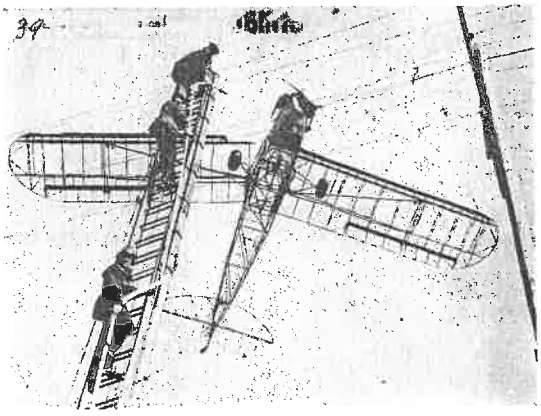
Jul. 21, 1946 First all-jet airplane to land on an aircraft carrier, a McDonnell XFD-1 *Phantom* aboard FRANKLIN D. ROOSEVELT(CVB-42) piloted by LCDR James Davidson.

Jul. 21, 1953 The first publicly demonstrated flight of the Convair F2Y-1 *Seadart* off San Diego bay.

Jul. 22, 1933 Wiley Post completed the first solo flight around the world in the Lockheed Vega *Winnie Mae.*

Jul. 23, 1936 Consolidated got a contract to build the XPB2Y-1 four engine flying boat. There were 219 *Coronados* flown during World War II.

Jul. 23, 1956 Lt.Col. Frank Everest flew the Bell X-2 to 1900 mph up to 75,000 feet over Edwards AFB.



July 1939 Carl Thomasson, AMM2/C, USN crashed into the 12,000 volt power lines while trying to land at Dutch Flats. Luckily the electricity had been turned off for maintenance. He climbed out and reached the ground safely. The plane caught fire in the wires and burned up.

July 2002 Perhaps the oldest airplane in the museum is the 91-year old Deperdussin. The 92-year old Montgomery glider has new wings and tail surfaces but the rest of it original.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
JULY 10 TO 16

Jul. 10, 1938 Howard Hughes and four-man crew took off from New York and flew around the world in three days 19 hours eight minutes in a Lockheed 14.

Jul. 11, 1916 The Army established Camp Hearn at Silver Strand Boulevard and Palm Avenue in Pacific Beach.

Jul. 11, 1917 French Army pilots Mairesse and Marquisan arrived at North Island as flight instructors. Both had become aces in the air war over France.

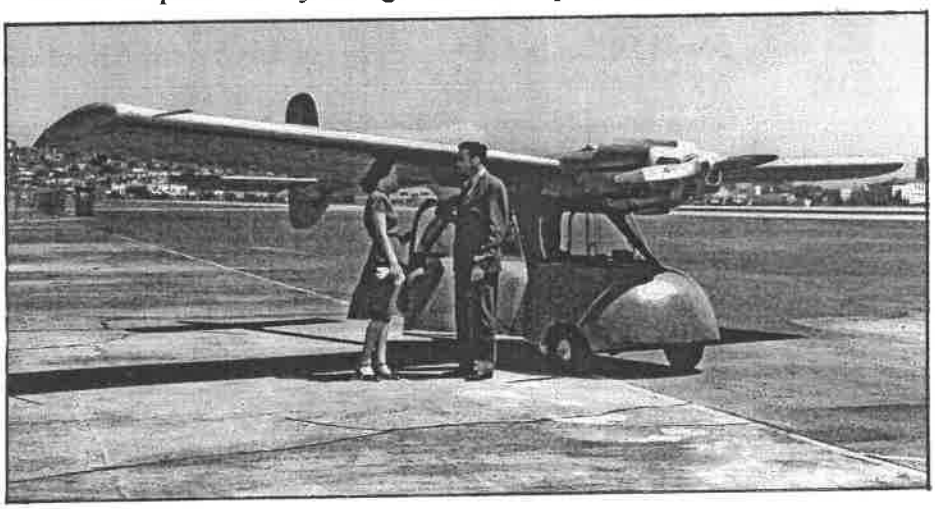
Jul. 11, 1919 The government accepted 17.25 acres of land in Balboa Park to build the naval hospital.

Jul. 11, 1930 Ruth Alexander reached 21,598 feet over Lindbergh Field then fainted. She recovered at 18,000 feet and landed her Barling NB-3 safely.

Jul. 11, 1932 The movie at the Cabrillo Theatre was LOST SQUADRON starring Richard Dix, plus a cartoon and news. It cost 25 cents after 5 p.m.

Jul. 12, 1929 Harold Karr, a Navy enlisted man, designed a tandem wing airplane that would carry 250 passengers, with five P&W engines.

Jul. 12, 1930 Elmer Dye, designer of a monoplane at San Diego in 1929, died in the crash of his plane in Wyoming. He had helped build the Ryan NYP.



Jul. 12, 1946 First flight of the Convair 116 flying car by Russell Rogers from Lindbergh Field. T.P. Hall designed it. One of his earlier flying cars was destroyed in the old museum.

Jul. 13, 1911 The balloon *Globe* with a three man crew ascended from San Diego then landed twenty miles south of the border.

Jul. 13-21, 1920 Army planes sank the German destroyer G-102, light cruiser *Frankfort*, and battleship *Ostfriesland*, proving the vulnerability of naval craft to aerial attack.

Jul. 13-14, 1927 Ernest Smith and Emory Bronte flew their Travel Air, *City of Oakland*, from Oakland to the island of Molokai and landed in the trees, out of gas, 93 miles southwest of Honolulu.

LEAVE THESE FOR THE DOCENTS TOMORROW

Jul. 13, 1928	Capt. Emilio Carranza crashed to his death in his Ryan Brougham in New Jersey after takeoff from Roosevelt Field, Long Island on his flight to Mexico City.
Jul. 13, 1948	Convair fired the first MX-774 test missile at White Sands.
Jul. 13, 1932	Carl Gilpin, president and pilot of Gilpin Air Lines at San Diego, died in the crash of his plane in a rainstorm near Toluca, Mexico.
Jul. 14, 1939	Russell Rogers flew a Consolidated PBY from San Diego to Felixstowe, England in three days 23 hours 10 minutes.
Jul. 14, 1918	Lt. Quentin Roosevelt was killed in air combat.
Jul. 14, 1924	The three Douglas World Cruisers reached Paris, France.
Jul. 14, 1925	Brig.Gen. William Mitchell spoke to the American Legion in the San Diego Hotel. He said the U.S. aviation force was almost extinct.
Jul. 15, 1915	Oscar Brindley completed a loop 600-feet in diameter over North Island flying Curtiss JN-2, No. 45. It took 15 seconds. Then he flew it upside down for more than a mile until radiator water blinded him.
Jul. 15, 1918	Workmen began pouring concrete foundations for the new dirigible hangar on North Island.
Jul. 15, 1920	The Navy staged a race of three manned balloons from North Island for visiting Vice President Marshall. One descended into a swamp near Ream Field. Another landed just 1000 feet from the border. No. 3 came down in a turnip field northeast of San Ysidro. Those were fun days.
Jul. 15, 1933	Wiley Post began his first solo round-the-world flight, 15,596 miles, seven days, 18 hours, 49 minutes 30 seconds. He did it with one eye on his instruments.
Jul. 15, 1947	First flight of the Saunders-Roe SR A/1 jet fighter seaplane, a few years before the Seadart.
Jul. 16. 1911	A balloonist and a parachutist raced each other to the ground from 2000 feet over Third and G Streets downtown. The parachutist won the race.
Jul. 16, 1917	On Linda Vista mesa the Army named Camp Kearny after General Kearny. The 40th Division learned their trade there. Today we call it Kearny mesa.
Jul. 16, 1918	Charles Nungessor downed his 40th victory.
Jul. 16, 1938	President Franklin D. Roosevelt dedicated the $2,000,000 Civic Center on Pacific Highway at Cedar Street. The building is still there.
Jul. 16, 1955	Don Germeraad flew the first flight of the Convair R3Y-2 Bowloader.
July 1914	The Army detailed Grover Loening to the 1st Aero Squadron at North Island as an aeronautical engineer.
July 1918	Naval officers said that North Island should not be called Rockwell Field. One half of the island was Navy. The north half was officially known as the Naval Air School reservation. The south half was Rockwell Field, an Army Air Service flight training base.
July 1931	Joe Brennan, San Diego Harbor Master, needed a shelter for the ticket seller at Lindbergh Field. He had the deckhouse removed from a boat and placed it on the field as the first "terminal." It had a curved roof. The "house" next to the museum Curtiss Jenny is supposed to resemble it.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
JULY 3 TO 9

Jul. 3, 1919 James Hennessey of 1632 Pennsylvania Avenue was the first San Diegan to get an airplane pilot license, No. 739, issued July 3.

Jul. 3, 1942 First flight of the Martin XPB2M MARS. The wingspan was 200 feet.

Jul. 4, 1910 At Imperial Beach Charles Walsh flew his homebuilt pusher three times around the 3000-foot course at about 25 feet altitude. He had taught himself to fly.

Jul. 4, 1915 Tiny Broadwick parachuted over Balboa Park during the Exposition, dropping 600-feet before opening her chute.

Jul.4, 1917 After a parade in the streets of Paris where Frenchmen shouted the name "Samee" for Uncle Sam, Gen. Pershing made the nickname Sammy official for the Americans in the AEF. There were many other suggestions in letters to the Editor at San Diego.

Jul. 4, 1946 Co. Herbst flew an airshow over the Del Mar Fair until his Lockheed P-80 crashed a half mile east of the grandstand. He was killed.

Jul. 5, 1915 Tiny Broadwick parachuted over Balboa Park again during the Exposition. Several women covered their eyes rather than watch her.

Jul. 5, 1920 The Goodyear B-18 blimp took off North Island and made stops at Oceanside, La Jolla, Del Mar, El Cajon and Lakeside.

Jul. 5, 1927 Pacific Southwest Airways filed articles of incorporation with the Secretary of State at Sacramento. Flight schedules would include San Diego-Los Angeles at two hour intervals, with daily service to Phoenix. The directors were George Prudden, Frank Seifert, Walter Sutter and B.W. Sinclair. There was no more mention of the company.

Jul. 5, 1927 The STAR OF INDIA left San Francisco under tow to be a marine museum at San Diego.

Jul. 6, 1915 Ltn. Boelcke and Wuchlish in an Albatros C.III shot down a French Morane, Boelcke's first victory.

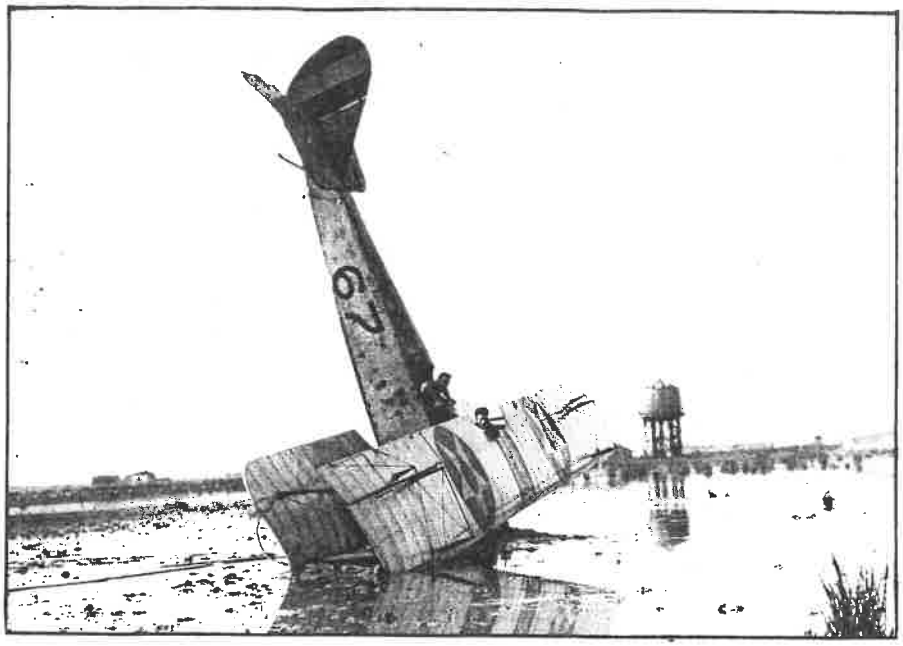
Jul. 6, 1917 Flying an all-red Albatros Manfred von Richthofen was struck in the head by a bullet from Lt. Woodbridge in an FE2d. He landed and was hospitalized and flew again in August. At the museum years ago his nephew said his uncle had a child by the nurse who cared for him.

Jul. 6, 1918 The bridge was completed across Spanish Bight between Coronado and North Island.

Jul. 6, 1921 Eleven Curtiss F-5L seaplanes left San Francisco at 8 a.m. for San Diego nonstop. All landed by 4 p.m. Their next stop was the salvage yard on North Island. The previous long flight had been to the Canal Zone and back in December and January.

Jul. 6, 1927 Gladys Roy, stunt flyer and parachute jumper, decided to be the first woman to fly the Atlantic from New York to Rome. She would come to San Diego with her pilot, Lt. Delmar Snyder, to buy a Ryan monoplane.

LEAVE THESE FOR THE DOCENTS TOMORROW



Jul. 7, 1927 The Air Corps decided to scrap all Curtiss JN trainers. The 1918 machines were no longer considered safe.

Jul. 8, 1918 Major Mannock downed a Fokker D.VII for his 68th victory.

Jul. 8, 1952 First flight of the Beecraft Honey Bee by Bill Chana at Montgomery Field.

Jul. 8, 1923 Harry Young did a demo parachute jump at 10,500 feet over the ocean near Ocean Beach. He landed beside a pair of spooners in an olive orchard on Point Loma.

Jul. 8, 1941 British pilots flew the first Boeing B-17 combat missions against Wilhelmshaven, Germany.

Jul. 9, 1918 The 57-victory ace, Major McCudden, died in the crash of his S.E.5A when the engine failed after takeoff in France.

Jul. 9, 1919 The Border Patrol began between Tijuana and Brownsville, Texas flown by DH-4's from dawn to dusk.

Jul. 9, 1946 First flight of the Convair 110 by Russell Rogers from Lindbergh Field.

Jul. 9, 1922 San Diegans in the 479th Reserve Squadron met on Rockwell Field for a refresher course in flying and flew Curtiss Hisso Jenny's.

Jul. 9, 1923 USS JASON left San Diego for Honolulu with six Vought VE-7's from VF-2, six Douglas DT-2's from VT-2 and six DH-4B's from VO-2, plus 24 officers and 160 enlisted men.

Jul. 9, 1926 At San Diego all ASBF aviators had to qualify in landings and takeoffs aboard LANGLEY(CV-1) and to take instruction on catapults by then. ASBF stood for Aircraft Squadrons, Battle Force.

Jul. 9, 1953 First flight of the Convair XF2Y-1 SEA DART from San Diego bay by Sam Shannon.

July 1936 The Ford Building exhibited these airplanes during the 1936 Exposition: Ryan S-T, Consolidated PB-2A, Curtiss BF2C, and the Bowlus glider flown by Anne Lindbergh off Mt. Soledad on January 29, 1930.

LEAVE THESE FOR THE DOCENTS TOMORROW

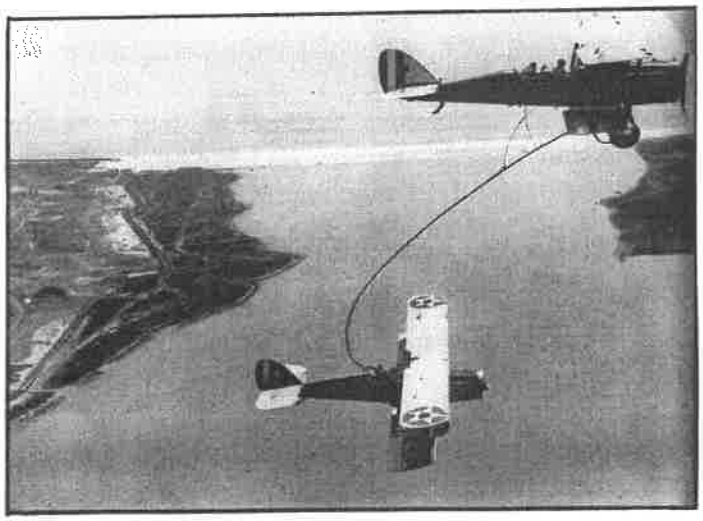
OUT OF THE PAST THIS WEEK
JUNE 26 TO JULY 2

Jun.26, 1913 The San Diego Aerial Navigation Company had gathered $500,000 capital to build a small dirigible outside the city limits. It would be 120 feet long, carry five people in a car suspended underneath, and have a 100-horsepower engine plus a radio. It was never built.

Jun.26, 1922 San Diego pilot Jimmy Hennessey and his Jenny were arrested by Mexican soldiers on the Mexican slope of Otay Mountain next to a car loaded with liquor. He was turned over to U.S. authorities.

Jun.27, 1916 Army Capt.Culver took off from North Island in Martin TT, No.51 piloted by Sgt. Ocker. At 5000 feet over Del Mar he flashed a radio message to Dr. Shelton in his home at 3443 Fifth Street in San Diego.

Jun.27, 1919 Army Lt. Harry Brokaw flew a Spad VII the 115-miles from Los Angeles to North Island in 75-minutes staying inland away from fog. Was it the museum Spad??



Jun.27, 1923 Lt. Smith and Lt. Richter roared off Rockwell Field in a DH-4B Special to begin aerial refueling from another DH-4 flown by Lt. Hine with Lt. Seifert. After refueling 80 gallons of gasoline the generator burned out and Smith landed after 5 hours 41 minutes. It was the first aerial refueling in history. Lt. Frank Seifert was friends with the old museum.

Jun.27, 1924 Seven Curtiss H-16's, six Vought biplanes and a DH-4B took off from San Diego for Sand Point, Washington.

Jun.27, 1926 Five pilots were given summons at Dutch Flats for flying without a license issued by the city of San Diego. The U.S. did not license pilots until December 31 when the new law became effective.

LEAVE THESE FOR THE DOCENTS TOMORROW

June 1917 Swede Meyerhoffer painted AERIAL TRUCK NO. 1 on his seaplane to fly Fire Chief Louis Almgren to fires around San Diego bay.

June 1923 Chief Petty Officer Carl Oelze managed a one plane, one hangar weekend flying service on Barnett Avenue flying a baby blue and bedroom pink Curtiss Jenny.

June 1924 The Navy Bureau of Aeronautics authorized painting airplanes aluminum enamel overall, with clear varnish on bare wood. The upper surface of the top wings would be yellow.

Jun. 28, 1914 In Sarajevo, Bosnia Archduke Ferdinand and his wife were murdered. It got little notice in San Diego.

Jun. 28, 1917 Army Lt. Dean Smith led the 5th Junior Military Aviator class on a 14-airplane flight from North Island to Escondido and return, flying Curtiss JN-4B's.

Jun. 28, 1922 The Navy discharged Reserve aviator Lieutenant L. Kittredge at San Diego. He became a glider instructor at San Diego High School and visited the old museum many times.

Jun. 28, 1923 The Army tried another aerial refueling attempt and completed 23 hours 30 minutes before the two DH-4's were unable to refuel in darkness and fog. On the same day Lt. Hewitt took off Rockwell Field in a modified parasol wing Spad VII. After the wing collapsed over North Island the plane crashed killing Hewitt.

Jun. 29, 1918 Enlisted men at Rockwell Field held another dance on Saturday night with admission 50-cents, women free. First boat over at 7:15 p.m.

Jun. 30 1913 Army Lt. Geiger and 13 mechanicians left North Island for Honolulu with two Curtiss biplanes, No.8 and 21, and the Curtiss Model G tractor, all aboard the steamer STATE OF CALIFORNIA.

Jun. 30, 1926 The new Egyptian Theatre opened at Park and University. In 1939 I went there on Saturday mornings to watch the serial and cartoons.

Jul. 1, 1915 Georgia "Tiny" Broadwick agreed to parachute over the Exposition in Balboa Park and land on the tractor field on Sunday, July 4 and Monday.

Jul. 1, 1919 Fred Steffgen got a $9,274 contract to build the Navy a kite balloon hangar beside the large blimp hangar on North Island. The Administration Building cost $203,934 and is still there.

Jul. 1, 1921 The Underwriter Laboratory at Chicago began an Aircraft and Pilot Register before issuing insurance. After pilots and planes passed tests and inspection the planes got a marking. The letter N for United States was followed by four letters such as N-ABCD for a Laird Swallow. The marking system had been approved in 1919 at the League of Nations meeting. It worked well for European countries where many nations were next to each other. The U.S. Congress felt no pressure to comply and did not until 1926. Maybe N stood for Newnighted States . . .??

Jul. 2, 1914 The Signal Corps accepted the new $4,800 Martin T biplane and numbered it 31 at the Signal Corps Aviation School on North Island.

Jul. 2, 1937 On their flight around the world Amelia Earhart and Fred Noonan disappeared in the Pacific on their way to Howland Island.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
JUNE 19 TO 25

Jun.19, 1917 The Signal Corps Aviation School began teaching night flying at North Island. Two large searchlights were aimed down the landing field.

Jun.20, 1914 At San Diego the Hallett family learned their son George had been selected to copilot the Curtiss seaplane *America* from Newfoundland to the Azores. George Hallett was museum historian in the 1960's.

Jun.20, 1919 Five Army pilots flew two Spad 7's, two Curtiss JN-4H's and a Fokker D.VII from Rockwell Field up to Los Angeles to welcome Eddie Rickenbacker.

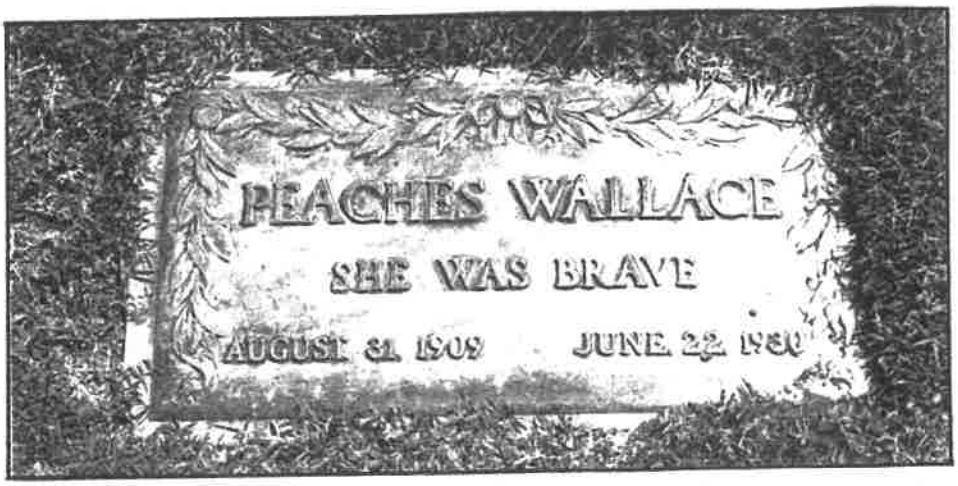
Jun.20, 1927 10,000 stamps honoring Charles Lindbergh by depicting the *Spirit of St. Louis* went on sale at San Diego for ten cents, the only stamps ever issued bearing the name of a living person.

Jun.20, 1928 Eighteen steel DH-4's swooped into North Island, cross-country practice by veteran Army pilots from March Field with cadets in the front seats.

Jun.20, 1931 Wakefield Air Lines began flying from Lindbergh Field to Yuma in either the Solar 8-place sesquiplane or a Lockheed 5-passenger.

Jun.22, 1913 Tiny Broadwick, 20, a veteran parachutist from balloons, dropped from Glenn Martin's biplane over Griffith Park, Los Angeles, the first woman to parachute from an airplane. She was a friend of the old museum before she died in August 1978.

Jun.22, 1917 Frank Seifert graduated from SCAS on North Island. Six years later he was one of the four aviators in the first aerial refueling at San Diego, and a friend of the old museum.



Jun.22, 1930 San Diego aviator Peaches Wallace (19) died of pneumonia. See her gravestone at Glen Abbey. Also see her name on the metal plaque at the entrance to Women In Aviation.

LEAVE THESE FOR THE DOCENTS TOMORROW

Jun.22, 1932 An African lion named Gilmore landed at Lindbergh Field. Roscoe Turner brought him. It visited the Lions Club meeting the next day.

Jun.23, 1916 Swede Meyerhoffer dropped leaflets over downtown San Diego."The bombardment is to remind you that Swedish Day will be observed at the Exposition on Saturday. Meyerhoffer, the Flying Jitney Bus."

Jun.23, 1919 The Marines wanted to build a Marine Corps Air Station at Dutch Flats.

Jun.23, 1928 The Boy Scout Lindy Troop went to summer camp on Lake Cuyamaca to study for their aviation merit badges.

Jun.23, 1961 Maj. Robert White set a new unofficial world speed record for manned airplanes flying the North American X-15 at 3,603 mph.

Jun.24, 1915 Seven new Curtiss JN-2 trainers arrived at North Island from New York.

Jun.24, 1924 The Army Round-the-World flyers reached Calcutta, India in their three Douglas World Cruisers.

Jun.24, 1929 Navy pilot Lt. Clyde got into an inverted spin off Point Loma at night. He parachuted at 800 feet, hitting the wing and breaking his shoulder then dropping into the ocean. A LANGLEY barge picked him up after three hours at 11 p.m. So he became Caterpillar Club member No. 142.

Jun.25, 1923 Four Army pilots accomplished the first successful midair refueling. They did it over San Diego bay at 90-mph by passing 50 gallons of gasoline through a 40-foot hose from one DH-4 to the other DH-4 in two minutes.

Jun.25, 1926 Marvel Crosson flew over the Spreckels organ in Balboa Park and dropped flowers on the graduating class from San Diego High School.

Jun.25, 1928 The 11th Bombardment Squadron with Keystone bombers and the 95th Pursuit Squadron with Boeing P-1B fighters arrived at Rockwell Field.

Jun.25, 1930 H.G. Chapman test-flew his hydro-glider off the foot off Chula Vista then decided to redesign the pontoons.

June 1910 Mark Beck, age 16, rode on the wing of Charles Walsh's biplane at Imperial Beach. Beck used to be a volunteer machinist in the museum.

June 1910 Charles Toliver began building a dirigible in the gulch at 31st and B Streets. The Toliver Aerial Navigation Company office was downtown.

June 1911 Teenagers Waldo Waterman and John Day secretly made straightaway practice flights in Lizzie, the pusher that Curtiss left on North Island.

June 1914 The Signal Corps decided to organize an Aviation Section with 60 officers and 260 enlisted men with aeroplanes, autos, trucks and repair wagons(sic).

June 1918 In the air over France, Sgt. Kobayashi, French Air Force, jumped from his burning plane set afire by incendiary bullets at 9000-feet.

June 1926 The cost of an airmail stamp from San Diego to Boston was thirty-five cents an ounce. What is it today?

June 1928 John R. Heater, 16, was the youngest licensed private pilot in the U.S. having learned to fly a Waco at Midway Airport on Dutch Flats.

June 1931 San Diego women glider pilots incorporated under the name Anne Lindbergh Gliders of San Diego, Ltd.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
JUNE 12 TO 18

June 1913 — The War Department announced that Army aviators would get a rating distinct from any other branch of the Army, Military Aviator(MA).

June 1915 — A historic battleship was launched at the New York Navy Yard, the USS ARIZONA(BB-39). Most of it is still in Pearl Harbor.

June 1922 — Mail planes(DH-4's) only flew in daylight.

June 1924 — First flight of the five-place Cabin Standard flown by Hawley Bowlus from Dutch Flats. Were used by the Los Angeles-San Diego Airline.

June 1929 — First flight of the Dye Dart No.1 monoplane flown by Elmer Dye from Camp Kearny mesa.

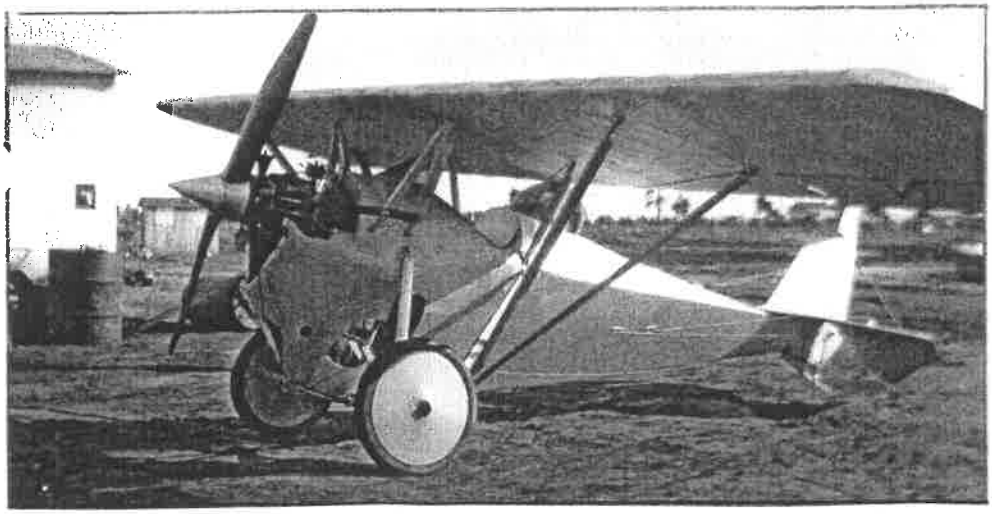
June 1930 — First flight of the Dye Dart No.2 flown by Elmer Dye from Lindbergh Field.

Jun.12, 1910 — On Sunday Charles Walsh completed four flights halfway around the 3000-foot course at Imperial Beach with his homebuilt pusher biplane, his most successful day's work.

Jun.12, 1911 — World absolute speed record of 77.6 mph set by Leblanc in a Bleriot.

Jun.12, 1918 — On the first AEF bombing raid eight Breguet 14's of the 96th Aero Squadron hit the railway yards of Dommary-Baroncourt.

Jun.12, 1926 — After a seal twice climbed aboard a Navy seaplane the pilot flew back to North Island and gave the seal, named Prep by the crew, to the zoo.



Jun.12, 1927 — North Island sailors Hopkins and Mead had finished building the "smallest airplane in the world," with a 20 foot wing span, and a two cylinder engine. LT Holbrook flew it for two hours from San Diego Airport on Midway Drive.

Jun.12, 1963 — Project Mercury officially ended, having achieved its goals.

LEAVE THESE FOR THE DOCENTS TOMORROW

Jun.13, 1926 The 514th Observation Squadron at Rockwell Field flew six airplanes on Sunday. Major Macaulay commanded the reserve outfit with 15 local pilots and 25 enlisted men.

Jun.13, 1927 Dapper Dan Burnette got a letter from Lindbergh. In it was a dollar bill with CAL's signature and the initials SD-STL-NY-P. Burnette helped build the *Spirit*. He was a volunteer in the old museum.

Jun.13, 1944 The first German V-1's were launched from France against England. Four of the eleven struck London.

Jun.14, 1916 An RFC pilot returning from a raid in German East Africa made a forced landing, spent a sleepless night surrounded by lions, then was rescued.

Jun.14, 1918 Workmen began construction of a dirigible hangar at NAS, San Diego. Dictionary definition of dirigible: A lighter-than-air craft having propulsion and a steering system. So a blimp is a dirigible.

Jun.14, 1940 Camp Elliott on Kearny mesa was designated for Marine Corps training. Named for Maj.Gen. Elliott. The museum stored new airplanes in one of the old buildings after the 1978 fire. Before World War I Kearny mesa was Linda Vista mesa. When the Army camp was named after Gen. Kearny the mesa name changed as well.

Jun.15, 1911 Charles Toliver completed the aluminum framework of his huge dirigible, *San* Diego, in the canyon at 31st and B Streets.

Jun.15, 1919 A Vickers *Vimy* crossed the Atlantic Ocean from Newfoundland to Ireland, a 15 hour 57 minute nonstop flight with pilots Alcock and Brown. Alcock said, "We had a terrible journey. The wonder is we are here at all." Different sources give different times for the flight.

Jun.15, 1920 LT. Louis Barin, Naval Aviator 56, killed in a collision on North Island on June 12. was buried on Point Loma. Barin Field at Foley, Alabama was named for him.

Jun.15, 1928 Anthony Fokker landed at Dutch Flats in one of his huge(sic) trimotors. At lunch the Chamber of Commerce tried to persuade him to establish an aircraft factory here. He didn't.

Jun.16, 1917 Four Zeppelins raided England and destroyed the Ramsgate ammo depot. L.48 was shot down in flames. Two crewmen survived.

Jun.17, 1912 Julia Clarke died in the crash of her biplane into a tree at the Illinois State Fair. She won her license in May, FAI No.133, on North Island.

Jun.17, 1923 Ben Thrash swan dived off the spreader bar of Frank Scheltz's Jenny, *Red Devil*, about 50 feet over Glorietta Bay and plunged headfirst into the water. The people at Coronado Tent City shouted their approval. There was dancing that night at five cents a dance.

Jun.17-18, 1928 Earhart, Stultz and Gordon flew the Atlantic in a Fokker trimotor from Newfoundland to Wales in 20 hours 40 minutes.

Jun.18, 1913 The Texas contingent of Army aviation arrived at San Diego at 7:30 a.m. on a special train. They unloaded five crated aeroplanes, a motorcycle, and the cavalry officer's ponies.

Jun.18, 1942 E.S. Bonnet flew an Army Ryan PT-22 on a local training hop from Ryan Auxiliary Field on Mission Bay.

LEAVE THESE FOR THE DOCENTS TOMORROW

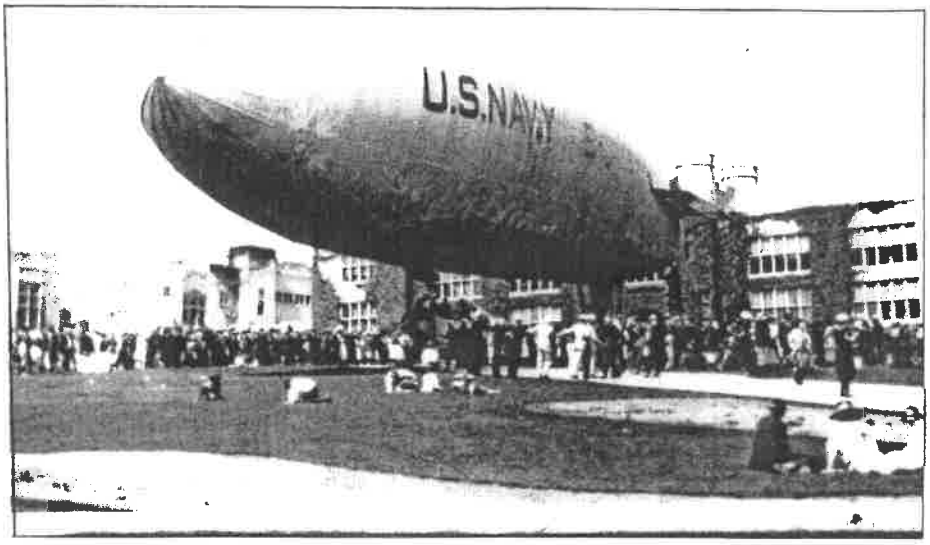
OUT OF THE PAST THIS WEEK
JUNE 5 TO 11

June 1917	When the AEF first marched down the boulevard in Paris the Frenchmen called them Sammies (for Uncle Sam). Gen. Pershing made it official. Few people seemed to like the title but it was still being used in December by The San Diego Union.
Jun.5, 1913	W.S. Moulton tried to make money raising a captive hydrogen balloon downtown at Union and B Street. Poor hydrogen raised only two people, an unprofitable project.
Jun.5, 1917	Curtiss JN-4B No.233 descended to land on North Island and overtook JN-4B No.235. It struck the upper right hand wing. 235 landed safely. 233 entered a tail spin then hit the bay in four feet of water. No one was seriously hurt. It was the first mid-air collision at San Diego.
Jun.5, 1917	22 Gotha G.IV bombers hit the Sheerness area. One was shot down.
Jun.5, 1918	David Putnam of Spa 38, LFC engaged ten Albatros fighters and downed five of them.
Jun.5, 1927	The San Diego Union news item stated the Smithsonian Institution had requested the *Spirit of St. Louis* for its collection.
Jun.5, 1938	Maj.Gen. Ernst Udet set a world landplane speed record of 394 mph in a Heinkel He-112U.
Jun.6, 1917	Raymond Collishaw, flying a Sopwith Triplane in *Black Flight* of Naval Ten, shot down three Albatros D.III's, raising his score to 16. The old museum had a Sopwith Triplane on exhibit.
Jun.6, 1919	Cdr. Spencer, CO of NAS, San Diego, and Lt. Kirkpatrick flew two Curtiss HS-boats to Catalina Island and back.
Jun.6-7, 1923	San Diego Navy pilots set 17 records in Douglas DT-2's, Curtiss F-5L's and TS seaplanes, and Martin MO-1's.
Jun.7, 1918	Charles Nungesser downed two Pfalz D.III's before being shot down by Fokker D.VII's. He survived the crash with burns.
Jun.7, 1922	Each day a Curtiss F-5L flew the "Cloud Line" to San Pedro from North Island carrying passengers, cargo and Navy mail.
Jun.7, 1928	Schoenhair and Tucker lifted off Rockwell Field in their white Lockheed *Vega* named *Yankee Doodle* on a nonstop flight to New York but failed.
Jun.7, 1937	The 251st Coast Artillery Regiment moved from Point Loma to its new armory in the two-year old Ford Building for its headquarters, motor pool, recruiting office, etc. They marched out front on weekends. The guns and vehicles parked on dirt in the basement.
Jun.8, 1917	Hermann Goering shot down a Nieuport 17, Lt. F.D. Slee of No.1 Sqd.
Jun.8, 1918	Army aviators vacated their buildings on the north end of North Island. Naval aviators moved in and have been there ever since. Bermuda grass was planted on North Island to control mud and dust.
Jun.8, 1918	Flying a Sopwith Camel Raymond Collishaw downed an LVG for his 41st victory.

LEAVE THESE FOR THE DOCENTS TOMORROW

Jun.8, 1934 First flight of the Ryan S-T, NX14223, by John Fornasero from Lindbergh Field.

Jun.8, 1948 First flight of the Convair XF-92A, the first delta-wing aircraft flown.



Jun.10, 1921 On a morning flight from North Island the Goodyear B-3 blimp lost the rudder then force-landed on the wide grass lawn in front of the old San Diego High School. After repairs she took off in the afternoon.

Jun.10, 1924 Captain Moses' DH-4 lost power during battle practice 25 miles at sea off San Diego. The USS KINGFISHER(AM-25) crew rescued him and pilot LCDR McComb clinging to the wings.

Jun.10, 1929 USS LANGLEY(CV-1) left North Island and went to sea minus the fore and aft landing wires. The guide hooks on aircraft axles were no longer needed. But tailskids would be around for another year.

Jun.10, 1928 On Sunday afternoon Ensign Bud Gillies with his passenger friend, Walter Marr in Gillies' new Swallow, lost power over San Diego bay then force-landed in the tide flat near the Marine Base. Gillies was pinned under the engine. Both were rescued after two hours work. Gillies used to be a museum board member. Aviator Betty Gillies was his wife.

Jun.11, 1912 Student Floyd Barlow turned off the ignition then landed his Curtiss pusher, known as *Julia,* on North Island. He got off and walked to the rear then swung the propeller to restart the engine. With the throttle still open the engine quickly revved up. *Julia* sped up the field by herself and took off. She leveled off at about 150 feet then banked left and dove into the ground near the hangars. End of *Julia* for the Curtiss students.

Jun.11, 1920 The Goodyear Pony blimp docked at North Island after a flight from LA.

Jun.11, 1922 Mutt and Jeff had a dirigible adventure in The San Diego Union comics.

Jun.11, 1928 The comic strip *Tailspin Tommy* began in the San Diego Union.

Jun.11, 1929 Hal Forrest, creator of *Tailspin Tommy*, landed at Lindbergh Field in a Waco. He spoke to the students at San Diego High School.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
MAY 22 TO 28

May 22, 1914 Lincoln Beachey defeated Barney Oldfield in a race at Brighton Beach.

May 22, 1941 First flight of the Curtiss P-40D Kittyhawk.

May 23, 1848 Glider pilot Otto Lilienthal was born in Pomerania on the Baltic coast. He died after a glider crash on August 9, 1896.

May 23, 1908 The Morrell airship fell to the ground in San Francisco when the gas bag burst, injuring 16 passengers.

May 23, 1917 NORTH ISLAND FOR GREAT AVIATION BASE was the headline of The San Diego Union that day. The Army and Navy would buy all 1,200 acres. The Army would get the south half, the Navy the north half for a seaplane and dirigible base. It took another year almost.

May 23, 1928 Carlena Diamond made her first parachute jump at San Diego with a Russell chute from a Ryan plane 8000 feet over Dutch Flats.

May 23, 1961 First flight of the Ryan *Flexwing No.1* from Brown Field by Lou Everett.

May 24, 1917 The Army selected Linda Vista mesa as a permanent Army camp location, to be named Camp Kearny for General Stephen W. Kearny who commanded the Army of the West against Mexico in 1846.

May 24, 1909 The Wright brothers received orders for more than 80 aeroplanes.

May 24, 1921 The Mercury Aviation Company started a tri-weekly passenger, mail and express service between San Diego and Los Angeles flying Junkers-Larsen JL-6 monoplanes.

May 24, 1928 Mexican Captain Carranza flew a Ryan Brougham from San Diego to Mexico City, 1575 miles in 18 hours 20 minutes.

May 24, 1962 A Convair *Atlas* launched Scott Carpenter in Mercury A*urora 7*. He completed three earth orbits then landed in the Atlantic 300 miles east of his planned landing site. A helicopter from the aircraft carrier *INTREPID* picked him up.

May 25, 1912 Charles Toliver, the San Diego dirigible builder, and his wife were killed at their house by his secretary, Hubert Lewis, who never went to prison.

May 25, 1926 The Air Reserve officers formed the 514th Observation Squadron at San Diego to be known as "San Diego's Own," with 25 officers and 50 enlisted men. They flew weekends at Rockwell Field. Reserve Lt. Harry Haw's uniform is on the manikin by the Consolidated PT-1. He used to visit the museum with his wife and lived in Chula Vista.

May 25, 1927 LINDBERGH FIELD OFFICIALLY AUTHORIZED was The San Diego Union headline. The Chamber of Commerce had received permission from the flyer to use his name. It opened in August 1928.

May 25, 1953 First flight of the North American YF-100A *Super Sabre.*

May 25, 1973 Skylab II rendezvoused with Skylab I in earth orbit.

May 26, 1912 Anthony Fokker was injured and his passenger was killed in a crash at Johannisthal, Germany.

LEAVE THESE FOR THE DOCENTS TOMORROW

May 26, 1937 From Chula Vista Airport on her first solo Billie Devere misjudged her landing, clipped a power line with her California Cub and crashed into a house at Walnut and H Streets with the propeller in the kitchen, about 500 feet from the airport. Only her feelings were hurt.

May 26, 1941 After a Consolidated PBY *Catalina* spotted the BISMARCK English warships sank the German battleship.

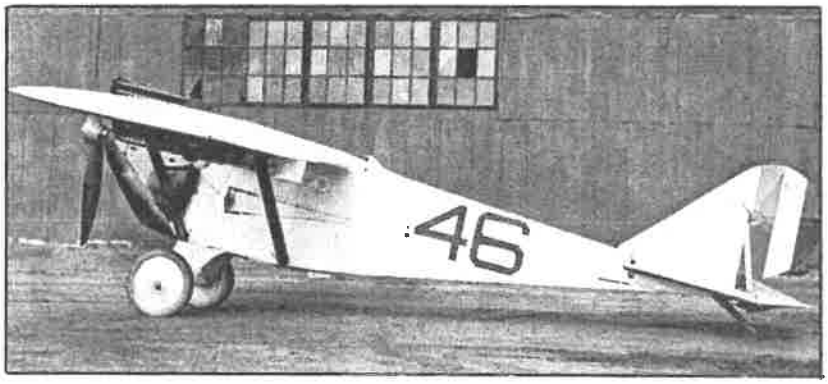
May 27, 1906 A. Chandler's balloon made a 30-mile flight from Philadelphia to Bucks County, Pennsylvania.

May 27, 1915 O'Connell and Bishop released their balloon from Union and E Streets at 8:00 a.m. They drifted two miles out to sea up to 8,000 feet then back to land on the Mexican border 12 miles east of Otay at about 2 p.m.

May 27, 1929 Anne Morrow married Charles Lindbergh at Inglewood, New Jersey.

May 27, 1942 The first class of Marine paratroopers opened at Camp Gillespie, Santee. 1ST Lt. Archibald H. Gillespie, USMC, was in the Mexican War in 1846.

May 27, 1958 First flight of the McDonnell XF4H-1 *Phantom II.*



May 28, 1921 LT. George Roe crashed in his Loening M-8-0 monoplane on the south beach at North Island and was killed. His passenger recovered.

May 28, 1929 San Diego pilot Marvel Crosson set a world's altitude record for women of 24,000 feet over Los Angeles in a Ryan B-3 Brougham, C-7737.

May 28, 1931 A Pitcairn PCA-2 landed at North Island, the first autogiro in San Diego.

May 28, 1946 First flight of the Convair XL-13 by Phil Prophett at San Diego.

May 28, 1947 First flight of the Douglas *Skystreak.*

May 1915 Swede Meyerhoffer opened an aerial ferry at the foot of Market Street with his flying boat then got lots of business from Exposition visitors.

May 1922 Joe Crosson flew his surplus Curtiss N-9 from Dutch Flats. Joe and his sister, Marvel Crosson, had restored the biplane in Chula Vista.

May 1923 T.C. Ryan moved his surplus Curtiss JN-4D from the foot of Broadway to Dutch Flats on Ocean Beach Road just east of Pt. Loma Golf Links. His business card stated: The Ryan Flying Company. 20-Mile Wonder Flight $5. Los Angeles and Return $40. School of Aviation.

May 1937 The Mesa Flying Club at San Diego adopted the motto: Safe-Sane-Sure.

Chronologies have errors at times. If you find an error here be sure and let me know. The problem is that almost everything I write is correct.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
MAY 15 TO 21

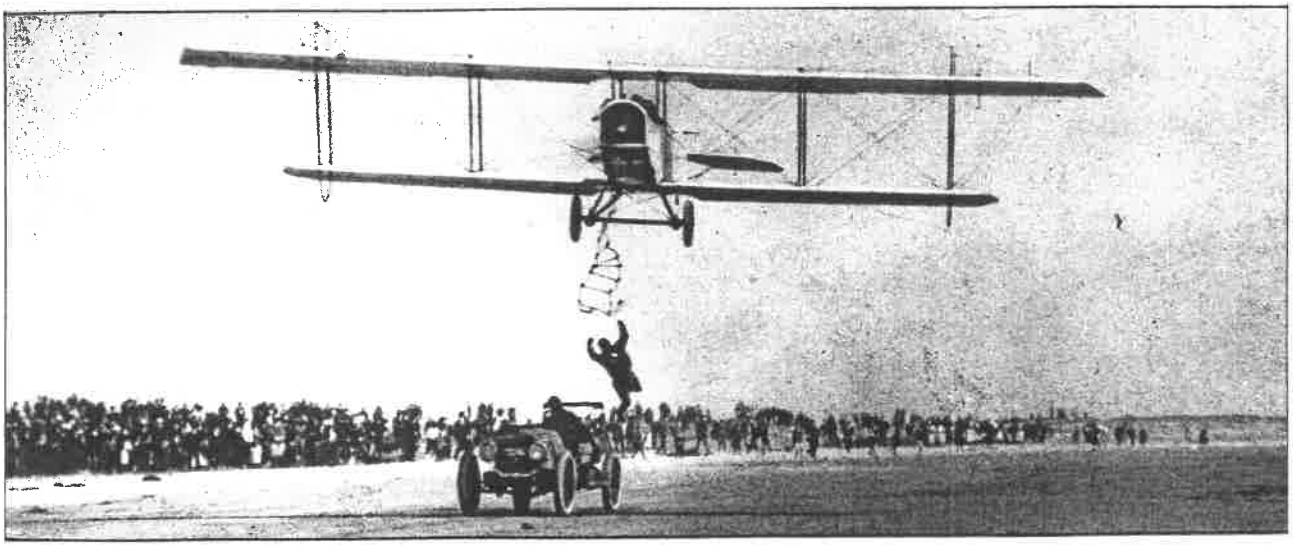
May 1918 The Aviation Section, Signal Corps ended. The "American Air Service" began with that temporary title.

May 15, 1920 Clyde Pangborn practiced a car-to-plane ropeladder stunt on Saturday along the Silver Strand with his all-white Curtiss Jenny. It worked well. They were ready for the stunt before the crowd the next day.

May 15, 1941 During Marine paratrooper training in a Douglas R2D over Camp Elliott 2nd Lt. Osipoff was accidentally pulled out of the plane by his pilot chute. The shroud lines hooked the tailwheel leaving him hanging behind the plane. Two Navy pilots went up in a Curtiss SOC, pulled him in the cockpit then cut the shrouds with the propeller saving his life.

May 16, 1916 2nd Lt. Carl Spaatz and three other students completed a 90-mile triangular cross-country flight from Signal Corps Aviation School on North Island, part of their training for Junior Military Aviator(JMA).

May 16, 1919 Lt.Cdr. A.C. Read and crew left Newfoundland in the Curtiss NC-4, stopped in the Azores, then arrived in Portugal on May 27 completing the first crossing of the Atlantic by air. The flying boat is in the museum at Pensacola. How and when did it and the crew get back to this country?



May 16, 1920 On Sunday Clyde Pangborn tried the car-to-plane stunt on the Silver Strand before 12,000 onlookers and fell off the rope ladder at 50-mph. He wasn't hurt bad. Then an Aeromarine 39 biplane lost power and crashed beside the Hotel del Coronado hitting the bathhouse. Nobody was hurt. Everyone got a souvenir from the plane before the cops showed up.

May 16, 1923 United Spanish War Veterans urged the War Department to place the Fokker T-2 of cross-country fame on permanent exhibit in a Balboa Park War Memorial building. No way.

LEAVE THESE FOR THE DOCENTS TOMORROW

May 17, 1917 The first official Army and Navy marking for aircraft was adopted, a white five-pointed star against a circular blue field with a red center circle. It was a fairly light shade of blue. They would be on top of the top wings in two places, and the bottom of the lower wings in two places. The rudder was striped vertical blue, white and red, with blue closest to the rudder post. The airplane manufacturer number would be in three-inch letters at the top of the white rudder stripe.

May 18, 1913 Otto Schemmel, age 31, 40 pounds and 37-inches tall, bought an airplane ride on a Curtiss flying boat from North Island.

May 18, 1918 The 96th Aero Squadron began American day bombing from Amanty airdrome in France.

May 18, 1919 Maj. A.D. Smith and Capt. Lowell Smith flew two Lepere LUSAC's from DeMille Field at Los Angeles to Rockwell Field. Lt.Col. William Thaw and 46 enlisted members of the 103rd Aero Squadron got honorable discharges at Rockwell Field. Thaw had been in the Escadrille *Lafayette*.

May 18, 1921 Eddie Rickenbacker arrived at San Diego to test a rebuilt DH-4 he planned to fly from Oakland to Washington, D.C. He never made the flight to D.C.

May 18, 1969 *Apollo 10* launched for dress rehearsal of Moon landing with Cernan, Young and Stafford for eight days.

May 19, 1908 Lt. T.E. Selfridge, first soldier to fly a heavier-than-air machine, piloted *White Wing* at Hammondsport, New York.

May 19, 1912 Julia Clarke, from Chicago, got FAI pilot license No.113 at the Curtiss School of Aviation on North Island, first lady to qualify at San Diego.

May 19, 1918 Lt. Raoul Lufbery died while attacking a German two-seater near the 94th Aero Squadron's airfield. The former Escadrille *Lafayette* pilot fell from his airplane. He was a 17-victory ace.

May 19, 1919 A black-draped Army plane rolled down Broadway in the Memorial Day parade in symbolic mourning for the San Diego boys who had lost their lives in the war. A formation of Army planes flew overhead.

May 19, 1922 Curtiss F-5L No.3 landed near the Coronado Islands. After they opened the side door to let exhaust gas out an 80-pound sea lion entered then resisted their efforts to evict him. They flew him back to NAS, San Diego.

May 20, 1926 President Coolidge signed the Air Commerce Act, the first Federal legislation on civil aeronautics. The law took effect on December 31.

May 20, 1927 Charles Lindbergh took off from New York for Paris in a little single engine monoplane. Six aviators had already died trying to win the $25,000 Orteig prize. Could one man do it?

May 20, 1932 Amelia Earhart began the first solo flight by a woman across the Atlantic Ocean from Newfoundland to Ireland flying a red Lockheed *Vega*. She made it in 15 hours 18 minutes.

May 21, 1913 The Signal Corps authorized silver "soaring eagle" badges and a certificate for new Military Aviators.

May 21, 1927 The first solo nonstop transatlantic flight from New York to Paris was completed by Charles A. Lindbergh in the Ryan NYP, N-X-211, *Spirit of St. Louis*. It took him 33 hours 30 minutes.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
MAY 8 TO 14

May 8, 1917 In Balboa Park the Navy would use all buildings east of Plaza de Panama as a Naval Training Center. Marines would use the buildings south of the Spreckels organ. The Army got the buildings north of the Cristobal Café. Military administrative offices would be in the building east of the Cabrillo Bridge.

May 8, 1930 Allen Essery, 17, on his second flight that day cracked up his orange and black primary glider *NO DOUBT* on Point Loma. He got a cut and bruises.

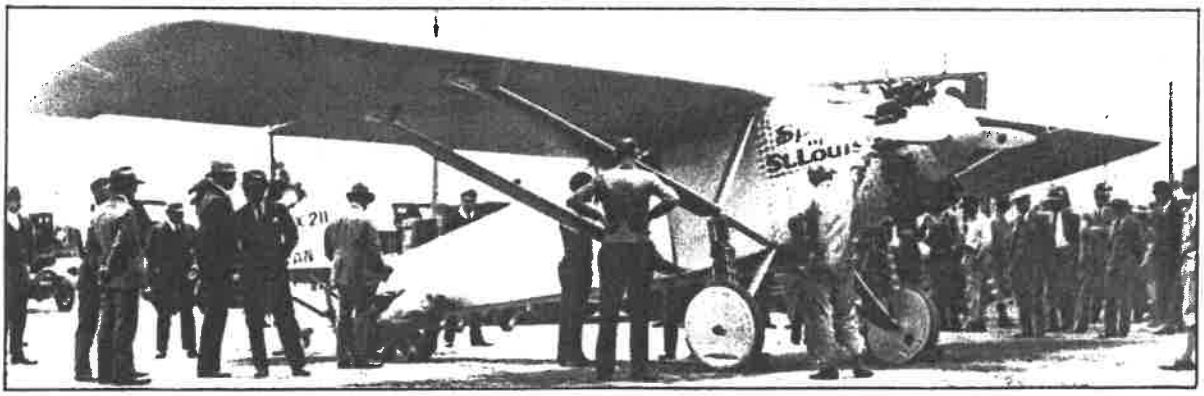
May 9, 1918 At Camp Kearny the Commanding Officer ordered no more photographs be taken of airplanes landing on the parade ground. Four Staaken R VI's are caught in fog and three crash; only one lands safely.

May 9, 1920 Clyde Pangborn announced he would perform an automobile-to-plane-change on the Silver Strand on Sunday, May 16. He had a white JN-4D.

May 9, 1921 Free Balloon No.A5596 lifted off North Island with an officer and five enlisted men. Wind blew it several miles out to sea then blew it back low over Mission Hills as the crew dropped sand on the houses. They landed on the Balboa Park parade ground. Spectators had enjoyed watching.

May 9, 1922 The Army planned to abandon March Field. The first group of planes arrived at Rockwell Field on Tuesday.

May 9, 1923 Three Navy VO-1 DH-4B's took off from North Island and dropped the ashes of H.E. Tatman, Chief Aviation Pilot, near Sweetwater Lake where he had crashed on May 3. He had asked for such a burial if he were ever killed.



May 9, 1927 The San Diego Union stated the *Spirit of St.Louis* was parked on the **deadline** at Ryan Field on Dutch Flats. The term **flight line** was not used until World War II. In 1918 an Army pilot's handbook used the term **deadline**. The local newspapers used **deadline** after World War I until 1929.

LEAVE THESE FOR THE DOCENTS TOMORROW

May 10, 1911 Lt. G.E.M. Kelly died in an aeroplane accident at San Antonio, Texas. He had learned to fly with the Curtiss school on North Island in 1911. The field at San Antonio was named for him.

May 10, 1920 At a reception for Maj.Gen. George Barnett, the USMC Commandant, the Navy blimp A5465 flew low over the buildings saluting the general. By 1923 Barnett Avenue beside the Marine Base was named for him.

May 10, 1926 A Loening amphibian successfully landed and took-off the LANGLEY wood flight deck on Monday afternoon a few miles off Point Loma.

May 10, 1927 Lindbergh flew the *Spirit* from Dutch Flats to Rockwell Field with passenger Orville McLean. Mechanics put in 250 gallons of Red Crown gas and 20 gallons of oil. Lindbergh took off in a Curtiss *Hawk* for a half an hour. At 3:55 p.m. he lifted off in the *Spirit* and landed on Lambert Field, St. Louis at 8:20 a.m. Central Time, 14 hours 25 minutes later.

May 10, 1929 Ensign Bud Gillies flew to Long Beach in Martin T3M-2, 7232, landed at Rogers Airport, purchased a Swallow biplane licensed 904, flew back to Mahoney Field on Barnett Avenue then over to North Island. Gillies used to be a museum board member. The Ryan NYP, N-X-211, arrived at the Smithsonian Institution by truck to roost forevermore.

May 11, 1918 First U.S.-made DH-4 with a Liberty engine delivered in France.

May 11, 1924 Major Martin and Sgt. Harvey walked to safety at Port Moller 11 days after their Douglas World Cruiser had crashed in Alaska.

May 11, 1929 CLAMP POLICE LID ON NUDE BATHING. The San Diego Union news item said police declared there would be no nude bathing parties on beaches up to Torrey Pines that summer if they could help it. In 1929?

May 12, 1923 Rancher McCain found the wreckage of a DH-4 and the bodies of Lt. Webber and Col. Marshall on the south peak of Cuyamaca Mountain where they had crashed December 7, 1922. The Liberty engine was left there where it is today with an explanatory plaque.

May 13, 1916 First flight of Escadrille *Americaine* flying Nieuport 11's from Luxeuil.

May 14, 1915 The Signal Corps Aviation School(SCAS) at North Island received its first Curtiss JN-2, No.41, tractor biplane with a 90-horsepower engine.

May 14, 1918 The Army told all officers in the aviation corps. Either learn to fly or resign.

May 14, 1920 Lt. James Krull, 91st Aero Squadron, took up a DH-4 from Rockwell Field. Lt. W.D. Coney parachuted from it as a training exercise. Sgt. Krull had been Reuben Fleet's flight instructor in 1917 at North Island. Krull was a friend of the old museum.

May 14, 1924 The San Diego Union printed a Ryan Flying Company coupon offering a 20-mile sightseeing flight for $2.50. Bring the coupon to the Barnett Avenue field or Telephone Main 4688 and make an appointment.

May 14, 1930 Ted Gildred passed the check ride from Lindbergh Field and got his limited commercial license. His son donated $1,000,000 to the museum.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
MAY 1 TO 7

May 1912 The inflated Toliver dirigible lay in the canyon at 31st and B Street. People nearby objected to the hydrogen danger and complained to the city.

May 1, 1910 Best flight yet but Charles Walsh cracked up in a hard landing at Imperial Beach after a straightaway hop of 500 feet at about 40 feet altitude. Not hurt but he damaged his homebuilt pusher biplane landing gear.

May 1, 1916 During the Exposition the Army named Camp Taliaferro in Balboa Park for an Army pilot killed in a crash at San Diego on October 11, 1915.

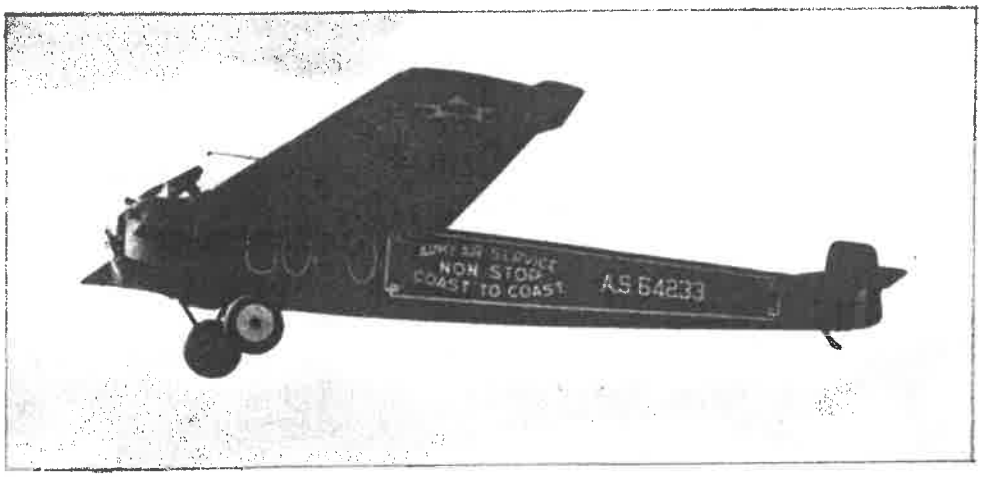
May 1, 1920 A Navy blimp flew over Coronado Tent City at night illuminated by searchlights. 9th Aero Squadron pilots in DH-4s patrolled the border every day from Tijuana to Quita Vaquita, Arizona.

May 1, 1930 Hawley Bowlus sold the Bowlus SP-1, 493. The license had been canceled. It had been named VIOLET RAY for an oil company ad.

May 1, 1931 Navy LT. Davis crashed his Boeing F3B-1 on Otay Mesa after the motor failed. He hitchhiked back to town carrying his parachute.

May 2, 1917 Swede Meyerhoffer began giving night flying lessons at San Diego with his seaplane from the foot of Market Street. Warship searchlights made him complain.

May 2, 1917 Billy Bishop downed two German aircraft raising his score to 20.



May 2, 1923 Lieutenants Macready and Kelly took off from Hempstead, New York in the Fokker T-2 at 12:36:53 p.m. They landed on North Island at 12:26:56 p.m. Pacific Coast time, the first nonstop transcontinental flight. They were extremely lucky to have good weather during their 26 hour 56 minute flight. Macready got married a week later.

May 2, 1924 The Army round-the-world fliers reported their leader, Major Martin and Sergeant Harvey, missing after taking off from Chignik, Alaska.

LEAVE THESE FOR THE DOCENTS TOMORROW

May 2, 1929 RADM Billard, CINC U.S. Coast Guard, visited San Diego with the interest of establishing a Coast Guard base. And he did.

May 3, 1912 Navy aviators Ellyson, Rodgers, Towers, Herbster and Richardson left North Island and took their two Curtiss and one Wright biplane to Annapolis to develop an aeroplane catapult for ships.

May 2, 1926 Jimmy Hennessey flew and Harry Young wingwalked and hung from the Jenny landing gear over San Diego to advertise a housing tract at La Playa and Rosecrans. Sounds exciting to see. Why don't they do that any more?

May 3, 1924 In Alaska Lt. L.H. Smith became officer-in-charge of the round-the-world fliers in their Douglas World Cruisers after Major Martin was missing.

May 3, 1925 Advertisement in The San Diego Union: **The Los Angeles-San Diego Air Line-Flying Time 90 Minutes-$14.50 one way, $22.50 round Trip-Speed Safety Comfort.** T.C. Ryan flew Cabin-Standards from the field adjoining the Point Loma Golf Links between Barnett Avenue and Midway. Many years later the planes were called Ryan-Standards.

May 3, 1927 Lindbergh took up designer Don Hall and Major Erickson in the Ryan NYP one at a time. They sat on the arm of the wicker seat.

May 4, 1918 The steel for the new dirigible hangar arrived at North Island. Forty Flying Cadets at North Island were promoted to 2nd Lieutenant and rated Reserve Military Aviator. Oakley Kelly was one of them. He flew with Macready in the Fokker T-2 in 1922-1923.

May 4, 1922 Lt. James Doolittle and Lt. L.S. Andrews flew a DH-4 from San Antonio, Texas to San Diego in 12 hours 30 minutes.

May 4, 1927 Lindbergh weight-tested the Ryan NYP *Spirit of St. Louis* at old Camp Kearny then left it there all night under guard.

May 5, 1913 Army Lt. Joseph D. Park completed his last Military Aviator test with a 50-minute flight over Old Town and Mission Valley landing at North Island into an 18-mph wind. He died in a crash three days later.

May 5, 1928 Sally Rand appeared at Mahoney Field on Barnett Avenue for her first flying lesson. Really! She never got a pilot license that I know of but she learned how to take off. Did you ever see her take off? I did in Pensacola.

May 5, 1939 First flight of the Consolidated Model 31, pilot William Wheatley.

May 6, 1914 Three students passed their FAI tests for a pilot license at the Curtiss school on North Island. One was Chinese, and another was Japanese.

May 6, 1917 Albert Ball downed an Albatros, his 45th kill.

May 6, 1918 The AEF let pilots put personal insignia on their planes not over 6"x6" in size, aft of the cockpit. The 1st Aero Squadron was authorized to use a U.S. flag as their squadron insignia.

May 7, 1917 Albert Ball was shot down and killed.

May 7, 1918 James Norman Hall, 94th Aero, shot down and taken POW. Later wrote history of Lafayette Flying Corps with Charles Nordhoff. See Library.

May 7, 1929 The movie at the Pantages Theatre was THE FLYING FLEET starring Ramon Navarro. Naval aviators took their girl friends.

May 7, 1932 Major Hunter took off Rockwell Field in the first Boeing P-26 in town and put on an air show.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
APRIL 24 TO 30

Apr.24, 1946 First glider commercial freight service by Winged Cargo, Inc., with DC-3 towing a Waco glider with stops at Miami, Havana and San Juan, P.R.

Apr.24, 1949 Art Chester died in the crash of his Chester Special *Swee-Pea* II and Bob Heisel died in his Pitts *Pellet* during the American Gold Cup Air Races at Brown Field. The three pylon, tight-turn course was not used again.

Apr.25, 1917 2nd Lt. Frederick Eglin was learning to fly at North Island. In 1937 after the Lt.Col. was killed in an airplane accident the Air Force base at Walton Beach, Florida was named for him.

Apr.25, 1922 First flight of the Navy's first all-metal airplane, the Stout ST-1 twin-engine torpedo plane.

Apr.25, 1926 Gladys Roy wing-walked, stood on the wing during loops, and hung from the landing gear over Sunset Cliffs advertising real estate sales.

Apr.25, 1930 Mrs. Helen Burrell took her first airplane ride in a Ryan Brougham from Lindbergh Field. She had been born on March 1, 1830.

Apr.25, 1939 *USS WASP* (CV-7) commissioned. Japanese forces sank it on 9-15-42.

Apr.25, 1944 First land plane attack on Guam by 7th Air Force B-24's from Eniwetok. PBY's went along on a photo-recon mission.

Apr.25, 1945 Last 8th Air Force attack on an industrial target – 274 escorted bombers dropped 500 tons on Skoda Works at Pilsen, Czechoslovakia.

Apr.26, 1926 The steamer *WILLHILO* arrived in port then unloaded Navy airplane parts plus a Loening OL-4 with a Liberty engine.

Apr.26, 1927 LCDR Davis and LT. Wooster killed in the crash of their plane *The American Legion* in which they had planned to fly to Paris.

Apr.27, 1912 John Kaminski, 17, FAI License 121, bought a Curtiss pusher for $7,000 at North Island. In 1966 it was restored and flown by an EAA member.

Apr.27, 1920 The Goodyear B-18 blimp made its first flight from North Island. Omer Locklear got the first ticket for reckless aerial driving at Los Angeles.

Apr.28, 1926 Ryan employees were building the first six Ryan M-1's with Wright J-4 200-hp engines for Pacific Air Transport.

Apr.28, 1927 Charles Lindbergh flew the Special Ryan NYP monoplane, N-X-211, from Dutch Flats for 20 minutes. Painter Albert Greenaway had put *Spirit of St. Louis* on both sides of the nose cowling. One notable absentee was T.Claude Ryan, the former company owner. He had left for Europe in January.

Apr.28, 1930 Nine Curtiss B-2 *Condors* from Langley Field landed at Rockwell Field then local Army pilots learned how to fly them.

Apr.28, 1937 Pan American *Clipper* arrived at Hong Kong, first Pacific commercial flight.

Apr.28, 1979 First flight of Ryan Spirit of St. Louis III, N211SD, by Ray Cote from Lindbergh Field..

LEAVE THESE FOR THE DOCENTS TOMORROW

Apr.29, 1918 Eddie Rickenbacker, 94th A.S, flying a Nieuport 28, got his first victory.

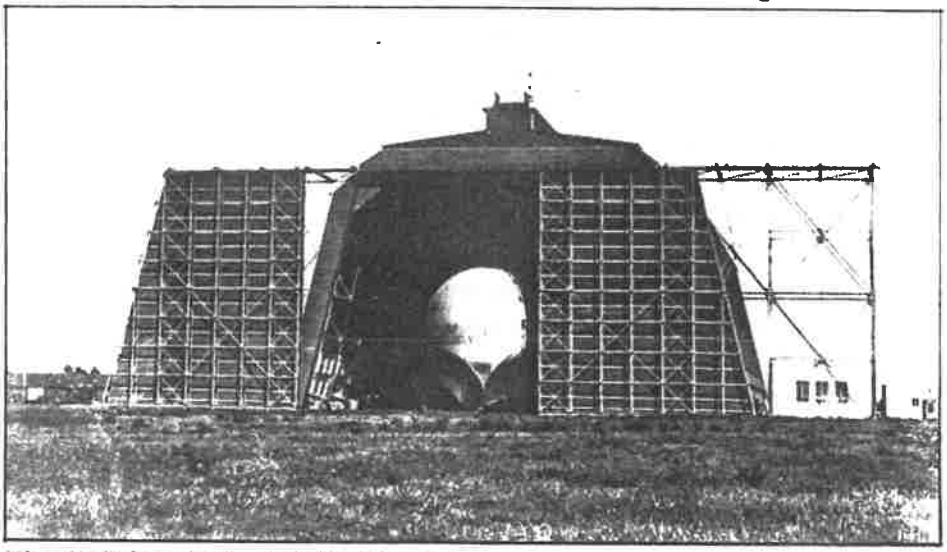
Apr.29, 1931 *Hell's Angels* with Jean Harlow was playing at the Cabrillo Theatre. Adults 20 cents, Children 10 cents. First show starts at 12 Noon.

Apr.29, 1924 Two Navy Lieutenants, Weller and Musk, had a midair collision with their Curtiss TS's 2,300 feet over Point Loma. Musk crashed into the ocean and drowned. Weller was able to deadstick on North Island.

Apr.29, 1930 Jack Barstow took off from Point Loma in a Bowlus sailplane and stayed up for 15 hours 13 minutes, an unofficial endurance record.

Apr.30, 1910 In El Cajon Donald Gordon made two successful flights with his homebuilt biplane. It resembled a Curtiss pusher but was lighter with a six horsepower motorcycle engine.

Apr.30, 1917 "Bloody April." British lost 315 pilots and observers during the month.



Apr.30, 1919 The 250-foot long dirigible hangar was completed at NAS, San Diego, a landmark for over 50 years. The old museum displayed the winch for opening the tall hangar doors.

Apr.30, 1925 Orville Wright announced he would send the 1903 Wright Flyer to exhibit in the Times Museum in England. And he did.

Apr.30, 1928 The Ryan company on Barnett Avenue sold Ryan B-1, 4937 with a Wright J-5 to Buffalo Aircraft Distributors and shipped it to Buffalo, New York.

Apr.30, 1935 Tomlinson, Snead, and Redpath flew a TW&A Douglas DC-1 from Burbank to Brooklyn in 11 hrs 5 min 45 sec, a record for transports.

Apr.30, 1955 Naval Aviator No.3, Admiral John Towers, died. He flew the first Navy aeroplanes at North Island in 1912.

Apr.30, 1962 Joseph Walker piloted the X-15 to a record 246,700 feet.

April 1923 The pilot log book of Maj. Henry H. Arnold, CO of Rockwell Field, lists 15 flights in April, nine in his S.E.5, the rest in DH-4's, making test hops, local flights, one flight to March Field, and two to Santa Monica.

April 1925 Naval aviators got a new uniform. The forestry green included breeches tight at the knees with buttons and lacing and russet leather shoes.

April 1965 The Ryan X-13 *Vertijet* flew successfully at Edwards AFB.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
APRIL 17 TO 23

April 1919 East Field on Otay Mesa, and Ream Field at Imperial Beach were put in caretaker status. Soldiers guarded crated Thomas-Morse scouts, Spad and Curtiss biplanes in steel hangars at Ream. Only an abandoned school house was left at East Field as if flight students had never been there.

April 1927 As the night crew at the Ryan factory were covering the Special monoplane wing for Charles Lindbergh and drinking Dago red wine, Foreman Hawley Bowlus dropped Peggy DeWitt on the wing and cracked three ribs. They glued in a couple gussets and never told the pilot about it.

Apr.17, 1915 Lt. Roland Garros scored a double victory downing two Aviatiks in his Morane parasol with bullet deflectors on his propeller.

Apr.17, 1914 Lt. Dodd took Riley Scott up in Burgess H, No.24 from North Island then Scott dropped 15-lb dummy bombs from 2000 feet on a 120-foot square white outline on the field using his bombsight.

Apr.17, 1918 Army 2nd Lt. Guinn W. Mattern, 24, got his Canadian Curtiss in a tailspin at 1500 feet over North Island. The plane struck the bay between Fort Pio Pico wharf and Ballast Point. Mattern crawled out on the wing but drowned as the plane sank before rescue.

Apr.17, 1920 At San Diego the Pangborn Aircraft Company and the Air Passenger Service got together and created an air show for the Prince of Wales. Clyde Pangborn did the wingwalking, Morgan took photos, both in Curtiss Jenny's. There was a full page of photos the next day in the newspaper.

Apr.17, 1928 Captain Emilio Carranza, the Lindbergh of Mexico, visited San Diego to inspect the plane the Mahoney factory was building for him.

Apr.18, 1915 Lt. Roland Garros scored his fifth victory but engine trouble forced him down behind German lines. They captured his Morane with propeller bullet deflectors and the disconnected machine gun interrupter device.

LEAVE THESE FOR THE DOCENTS TOMORROW

Apr.18, 1916 Escadrille N.124 was activated at Luxeuil. Later it became the Lafayette Escadrille manned with American volunteers.

Apr.18, 1923 Maj.Gen. Patrick let wives and sweethearts make occasional flights with the Army pilots. Hap Arnold's wife did it right away at North Island.

Apr.18, 1925 T.C. Ryan's company needed money so he sold a half interest to a former wealthy student, B. Franklin Mahoney.

Apr.19, 1924 Major Hap Arnold lectured on aviation history at the American Legion building in Balboa Park with free donuts and java(sic). Then came dancing from 9 p.m. to 11:30. From The San Diego Union, 4-20-24

Apr.19-20, 1935 Amelia Earhart flew a Lockheed *Vega* from Burbank, California to Mexico City in 13 hours 32 minutes. Made one stop.

Apr.20, 1918 Richthofen shot down two Sopwith *Camels*, his 79th and 80th victories.

Apr.21, 1910 Waldo Waterman, age 15, got an auto tow in his glider at the Coronado polo ground then crashed and broke both ankles.

Apr.21, 1918 Rittmeister Manfred von Richthofen, C.O. of J.G.1, flying a Fokker triplane, was killed in air combat over the Somme River valley either by Captain Roy Brown in a Sopwith *Camel* or an Australian machine gunner. The Australian who prepared his body for burial took the fatal bullet from his flight suit home to Australia where it was lost in a fire some years later. Who killed him?

Apr.21, 1921 On American Legion Day at San Diego the Navy had a free balloon flight, a Goodyear B-3 dirigible flight, flights of the F-5L, HS-2L, and N-9, R-6L dropping a dummy torpedo, a kite balloon, plus a tour of NAS, San Diego in the afternoon. Oh, let's go!!

Apr.21, 1926 Gen. Billy Mitchell visited San Diego and stayed at the U.S. Grant Hotel.

Apr.21, 1929 A Maddux Airlines Ford 5-AT-10 tri-motor took off from Lindbergh Field at 11:35 a.m with three passengers bound for Phoenix. Over East San Diego Army 2nd Lt. Keefer began looping over the Ford in his Boeing PW-9D until it came down on the airliner's cockpit. Both planes fell to the ground at 39th and Spruce. Pilot, copilot and passengers were killed in the Ford. Keefer's parachute caught on his plane's tail and he was also killed.

Apr.22, 1916 The final model airplane contest was held at the Panama-California Exposition in Balboa Park. Harley Knox won for distance and duration. Did the teenager become Mayor of San Diego in 1943?

Apr.22, 1917 National Guard Captain Reuben Fleet went up for his first student airplane ride at North Island.(Yes, he founded Consolidated Aircraft Corporation.)

Apr.22, 1922 The new Douglas DT-2, A6033, arrived at North Island. It completed trials and joined a torpedo squadron.

Apr.23, 1915 Anthony Fokker had altered Garros' machine gun interrupter to fit a Fokker monoplane. The air war began in earnest.

Apr.23, 1917 Albert Ball, age 19, and Billy Bishop each scored two victories. Richthofen shot down a B.E.2c, his 47th victory.

Apr.23, 1917 Army Lt. Pulliam began flight instruction at North Island. In France in 1918 he flew a fish-scale painted Nieuport. His wonderful photo album was lost in the 1978 museum fire.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
APRIL 10 TO 16

Apr.10, 1910 Charles Walsh made headlines when at Imperial Beach he flew his pusher biplane the first time for 400 feet some 20 feet off the ground.

Apr.10, 1923 Four Martin MB bombers were readied for the Marines on North Island.

Apr.10, 1932 A couple borrowed a Swallow without permission from Grande Vista Airport in Otay then crashed on a hill near the airport. Both were injured.

Apr.11, 1898 The United States declared war on Spain with a truce on August 12.

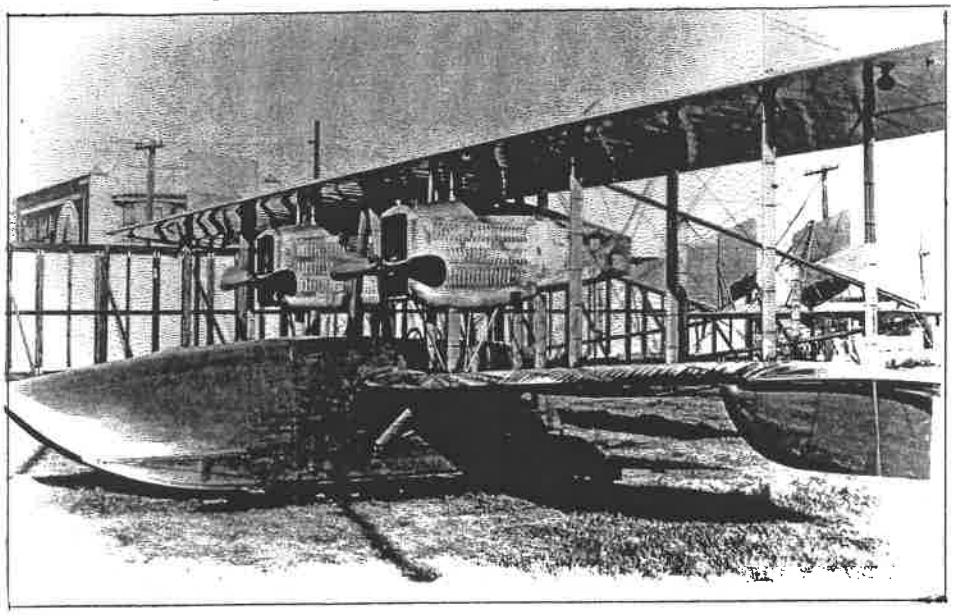
Apr.11, 1917 Richthofen downed his 40th victory.

Apr.11, 1918 The first aerial machine gun practice at Rockwell Field was done over the ocean near Point Loma with a Lewis gun on a Curtiss biplane.

Apr.11, 1929 First flight of the Boeing XP-12 at Seattle; identical with Navy F4B-1.

Apr.11, 1970 Apollo 13 launched with Lovell, Swigert and Haise for 5 days, 22.9 hours. Mission aborted after rupture of oxygen tank, a successful failure.

Apr.12, 1913 John Cooper flew a Curtiss F-Boat from Spanish Bight then circled *YORKTOWN*(not the aircraft carrier) so closely that onlookers feared a collision. Sitting beside him, the passenger enjoyed it.



Apr.12, 1918 The Loughead seaplane landed in San Diego after a flight from Santa Barbara. Malcolm and Allan Loughead changed their company name to Lockheed Aircraft Company in 1926.

Apr.12, 1961 First human orbital flight by Yuri Gagarin in Vostok for 1 hour, 48 minutes.

Apr.13, 1917 Army Lt. Byrom took off from North Island in Curtiss JN-4B, No.237. He purposely stalled over Coronado then was unable to get the nose up. The biplane dove into the Coronado Golf Course. The aviator stepped out of

LEAVE THESE FOR THE DOCENTS TOMORROW

the wreckage, walked ten feet and sat down. The motor was in the front seat. Byrom got a severe cut on the jaw. It happened at 11:47, 13 minutes to noon on Friday the 13th.

Apr.13, 1917 Richthofen scored a triple kill and had 43 victories.

Apr.14, 1908 The Great White Fleet with 16,000 sailors came to town. The next day 5000 sailors paraded up Broadway.

Apr.14, 1912 Farnum Fish flew his Wright biplane from North Island to Dominguez Field in Los Angeles.

Apr.14, 1913 Army Lt. Park flew the Curtiss E hydroaeroplane from North Island to Mexico and back then glided over Point Loma and landed in the bay.

Apr.14, 1918 Lts. Alan Winslow and Douglas Campbell, of 94th Aero Squadron flying Nieuport 28's, shot down two Albatros D.V's over Toul, first victories for the squadron.

Apr.14, 1922 While spotting for two battleships LT David Musk's engine quit. He landed DH-4, No. 403, in the ocean 40 miles from San Diego. *USS SUMNER*(DD-333) picked up Musk and his crewman.

Apr.14, 1942 2nd Lt. Charles B. Ames, USMC, Naval Aviator 193 on December 1, 1917 at Pensacola, died. His ashes were dropped at sea off Point Loma.

Apr.15, 1915 Roland Garros won his second victory in an armed Morane.

Apr.15, 1935 First flight of the Douglas TBD *Devastator* torpedo plane.

Apr.15, 1944 First flight of the Convair Model 39, XR2Y-1, by Sam Shannon from Lindbergh Field. Only one was built. Ref: Shannon's pilot log book.

Apr.15, 1945 First flight of the North American XP-82 *Twin Mustang.*

Apr.16, 1912 Flying a Bleriot, American Harriet Quimby was the first woman to cross the English Channel.

Apr.16, 1917 Edmund Genet of the Lafayette Escadrille KIA. First American to die after U.S. entered the war. Richthofen downed a B.E.2c, his 45th.

Apr.16, 1920 Curtiss F-5L, No.8, took off from San Pedro for San Diego. Six miles later the starboard engine failed and the pilot landed in the ocean. He taxied back and met the submarine H-2 which towed them into San Pedro harbor.

Apr.16, 1935 Sikorsky S-42 *Pan American Clipper*, NR823M, flew from Alameda to Honolulu in 18 hours, 39 minutes and round trip in less than 38 hours. It was the beginning of transoceanic air travel.

Apr.16, 1946 First German V-2 rocket in U.S. launched at White Sands, New Mexico.

Apr.16, 1972 Launch of Apollo 16 with Young, Mattingly and Duke landed on Moon. Gathered 213 pounds of moon. Does the museum have that stuff?

April 1910 Donald Gordon built his third aircraft at Bostonia near El Cajon and flew it many times at his farm.

April 1918 A joint Army-Navy technical board approved a new cockade insignia for all Army-Navy airplanes, a red, white and blue bullseye of three concentric circles with red on the outside, similar to the former Russian insignia, painted on the wings. The rudder got three vertical stripes, red in front, then white and blue.

April 1932 Marriage in an airplane was not provided for in Catholic rites. In the air a plane would fly out of the parish priest's small boundaries.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
APRIL 3 TO 9

Apr.3, 1911 Cal Rodgers died in the crash of his Wright pusher biplane off the coast of Long Beach, California, the 22nd American aviator to die in an aeroplane.

Apr.3, 1932 A glider contest was held a half mile south of National City for teenagers. Paul Schurtzer, 14, won among six contestants. Auto tows for takeoffs.

Apr.4, 1917 A record 13 Army students in Curtiss JN-4B's flew from North Island to Los Angeles and back completing their cross-country's for Junior Military Aviator, or JMA rating.

Apr.4, 1919 Army Lieutenants Metzger and Culliday lost power in their Curtiss JN-4H engine and landed in the ocean near Imperial Beach several hundred feet from shore. They reached the beach safely.

Apr.4, 1924 The steamer *WILLSOLO* arrived at North Island with steel for the dirigible mooring mast, and seven Curtiss H-16 seaplanes with twin Liberty's.

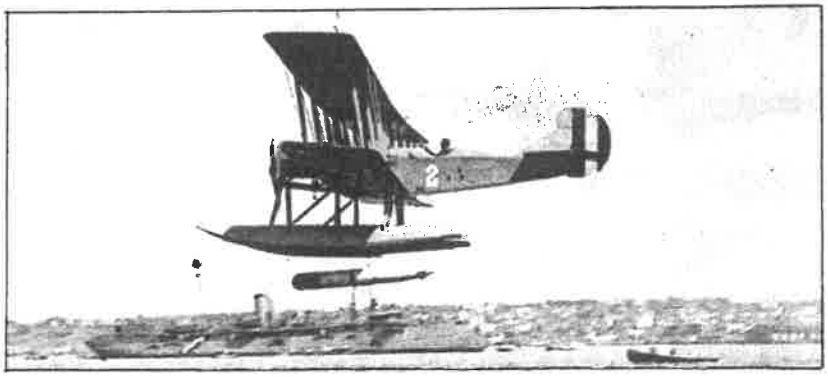
Apr.4, 1927 Assistant Secretary of the Navy Edward Warner shook hands with Charles Lindbergh at the factory where the Special monoplane for Lindbergh was nearing completion.

Apr.4, 1928 Charles Lindbergh flew a Ryan Brougham to San Diego and landed at Rockwell Field. He answered the first question with, "I'm sorry. I have nothing at all to say."

Apr.4, 1933 *USS AKRON* (ZRS-4) crashed at sea off the New Jersey coast, with a loss of 73 officers, crew and guests, including Rear Admiral Moffett.

Apr.5, 1867 Alonzo Horton arrived from San Francisco. He wanted to build a city on the waterfront and he did alright.

Apr.5, 1917 Manfred von Richthofen got his 35th and 36th victims



Apr.5, 1920 A Curtiss R-6L was assembled at NAS, San Diego. It carried a 14-inch Whitehead torpedo. It was the first Navy torpedo plane.

Apr.5, 1928 Charles Lindbergh flew his new Ryan B-1X Brougham, NX4215, with Don Hall from Dutch Flats to Camp Kearny and practiced a few landings.

LEAVE THESE FOR THE DOCENTS TOMORROW

Apr.6, 1912 At the Coronado Country Club polo ground the audience watched an Air Meet with Farnum Fish, Tom Gunn, Horace Kearney, Harry Parks, R.C. McMillan, Irah Spaulding and Navy LT. John Towers(later an Admiral).

Apr.6, 1917 War was declared on Germany.

Apr.6, 1918 Manfred von Richthofen shot down a Sopwith Camel, his 76th victory.

Apr.6, 1924 Simon Levi Company at 715 J Street made "400," San Diego's Own Coffee.

Apr.6, 1929 Hawley Bowlus made three ¼ mile flights from Bonita Heights in Sweetwater Valley, damaging the wingtip ailerons on the fourth attempt.

Apr.6, 1945 Taking off San Diego bay at about 5 p.m. a Martin PBM *Mariner* began bouncing violently. At about 75 feet in the air it suddenly nosedived and turned over in the bay then caught fire. Eight fatalities and four survivors.

Apr.7, 1911 At North Island Charles Walsh flew the pusher biplane he had designed for John Kiley. People called it Kiley's Freak.

Apr.7, 1914 Riley Scott arrived at North Island and experimented with a bomb sight, bomb rack and release device on the Army aeroplanes.

Apr.7, 1917 Marjorie Waring, 21, of 2166 Parke Avenue, applied to be a flight student in the Meyerhoffer school at the foot of Market Street. The Red Baron gets his 37th victory, a Nieuport 17.

Apr.7, 1918 The Red Baron got an S.E.5 and a Spad for his 77th-78th.

Apr.7, 1924 The four Douglas World Cruisers, *Chicago, New Orleans, Seattle* and *Boston*, took-off the water at Seattle for the first stop in British Columbia on their round-the-world flight attempt.

Apr.7, 1925 *USS SARATOGA*(CV-3) was commissioned at Camden, New Jersey. Navy pilots made forty-two landings at night on *LANGLEY* flying Curtiss TS-1's from VF-1 near San Diego.

Apr.8, 1913 Army Lieutenants Lewis Brereton and Rex Chandler went up in the Curtiss F-Boat on a windy day. Between North Island and Point Loma Brereton lost control. The plane crashed in the bay. Brereton was rescued. Chandler drowned, the second aviation fatality at San Diego.

Apr.8, 1917 Richthofen got a double victory for 39 total.

Apr.8, 1931 Amelia Earhart set an autogiro altitude record of 18,415 feet in a Pitcairn PCA-2 at Willow Grove, Pennsylvania.

Apr.9, 1915 Lt. Roland Garros shot down a German two-seater with his machine-gun firing through the propeller arc. News item dated April 9 in Belgium.

Apr.9, 1921 Ensign Batchellor, 24, was instantly killed at 10 a.m.when his seaplane fell 500-feet in a tailspin into shallow water near the Marine Base.

Apr.9, 1929 After enlisted VF-2 pilot Clyde Corley rented a JN-4D at Dutch Flats he got into a flat spin over Lemon Grove and crashed into an orchard.

Apr.9, 1953 Sam Shannon made the first flight of the Convair XF2Y-1 *Sea Dart*. Shannon died that on that date in 1982.

April 1931 The artist Ralph Gall presented a large metal plaque honoring Marvel Crosson, Peaches Wallace, and Ruth Alexander to the San Diego Gas & Electric Company. It is on exhibit in the museum.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
MARCH 27 TO APRIL 2

March 1924 The Navy enlisted rating of Aviation Pilot, or AP, was established. There were 130 enlisted men qualified in two types of airplanes or airships.

Mar.27, 1930 Peaches Wallace crashed on Point Loma in the Bowlus SP-1, 493, sailplane, suffering serious injuries. What is the license number on ours?

Mar.27, 1928 The B.F. Mahoney Aircraft Corporation at San Diego completed building a Ryan Brougham for Charles Lindbergh.

Mar.28, 1918 The Red Baron got a Camel and two Brisfits to bring his score to 73.

Mar.28, 1923 LT. Harper and Ensign Schur took off at about 4:30 a.m. from San Diego bay in a Douglas DT. Off 22nd Street their wing struck the mast of the fishing smack *ABRAHAM LINCOLN* which broke off leaving the end of the mast, tackle and rope on their wing. It fell off in 500 feet. They landed to assess the damage. NAS carpenters repaired the fishing smack. The pilots got orders to wait until daylight next time.

Mar.29, 1919 Lt. Dana Crissy got his Junior Military Aviator rating at Rockwell Field on North Island. Crissy Field at San Francisco was named for him after he was killed in a crash on October 8, 1919.

Mar. 29, 1920 Lt. Krull flew border patrol from San Diego to El Centro in a DH-4B. He was a friend of the old museum. We have a copy of his pilot log book.

Mar.29, 1929 Pickwick Airways opened operations to San Diego from Glendale when two Bach Air Yacht tri-motors landed at Lindbergh Field with Ruth Elder.

Mar.29, 1931 There was a glider contest at Beyer Airport near the Mexican border.

Mar.30, 1913 Army Lt. Geiger and Lawrence Sperry flew the Curtiss F-Boat with a Sperry gyroscopically-controlled stabilizer from Spanish Bight. It worked.

Mar.30, 1918 At North Island Army instructor Mike Brown did a tailspin in a Canadian Curtiss at less than 500 feet, then a half loop and glided to the hangar.

Mar.30, 1927 The Russell Parachute Company at San Diego tested a new lobe parachute at Barnett Avnue. M.L. Harrison jumped at 2500-feet. No problem.

Mar.30, 1930 Frank Hawks took off Lindbergh Field in the Franklin PS-1 glider *Eaglet* towed behind a Waco flown by Duke Jernigan headed for the East Coast.

Mar.31, 1916 Two RFC squadrons, Nos. 1 and 11, flew Nieuport Scouts with Lewis guns firing over the top wing.

Mar.31, 1917 The Army had 22 training planes at North Island and no combat planes. The total airplanes in commission in the Army was 132, none for combat. Of 120 British aircraft lost in March, 59 were over British lines, 61 over the German lines.

Mar.31, 1923 Aviation Chief Rigger Arthur Tobin and his wife flew their surplus JN-4D with a big black cat and "13" on the tail around the county on weekends.

Mar.31, 1929 A Pickwick Airways Bach tri-motor left landing gear collapsed landing at Lindbergh Field. The five passengers suffered minor injuries.

LEAVE THESE FOR THE DOCENTS TOMORROW

Apr.1, 1911 The Aero Club of San Diego held an Air Meet at the Coronado Country Club polo ground. A fake fortress had been built. Hugh Robinson in a Curtiss pusher attacked it five times with orange-bombs that "exploded" with noise and junk thrown in the air. Witmer and LT. Ellyson got the 40 hp Curtiss about six feet in the air.

Apr.1, 1915 Lt. Roland Garros shot down his first air victory in France using deflector plates on his Morane Saulnier propeller.

Apr.1, 1916 The German Air Force had 220 fighter monoplanes of which 150 were Fokker E.III's(just like the museum's).

Apr.1, 1918 The Royal Air Force was formed from the RFC and RNAS with 24,078 officers, 181,316 men and 13,500 aircraft.

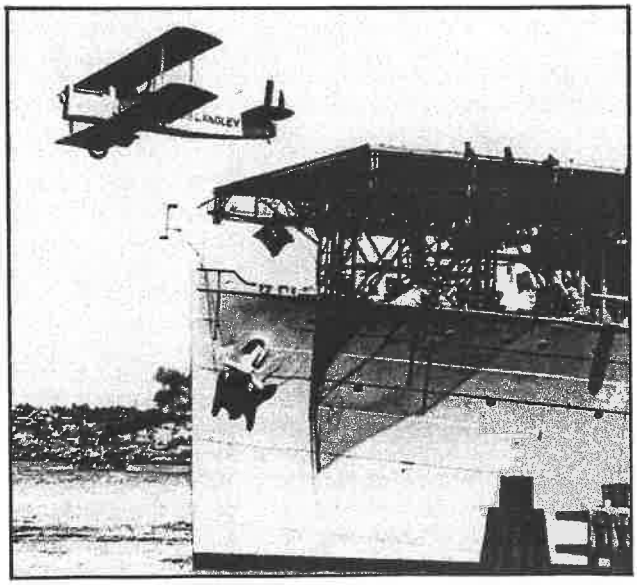
Apr.1, 1920 Fire destroyed Hangar No.3 on Rockwell Field. It had been full of bomb-type flares, small arms, machine guns and ammo. It was All Fools Day..

Apr.1, 1921 The Goodyear B-18 blimp took off North Island for Point Conception at 3:30 a.m. on a photo mission. It returned at 4 p.m., mission completed.

Apr.1, 1931 Fifty people got free rides in the Goodyear *Volunteer* blimp gondola from Lindbergh Field after they did business with the Goodyear tire dealer.

Apr.2, 1916 A Zeppelin atrocity. The L.14 bombed a warehouse near Edinburgh and destroyed $175,000 worth of Scotch whiskey.

Apr.2, 1917 The Red Baron shot down his 32nd and 33rd victories. President Wilson asked Congress for a declaration of war against Germany.



Apr.2, 1925 A Douglas DT-2 was catapulted from USS LANGLEY while the carrier was moored to the dock at NAS, San Diego. LCDR Mason was the pilot.

Apr.2, 1929 Hawley Bowlus made some straightaway flights in his new Bowlus SP-1 glider at Lindbergh Field.

Apr.2, 1959 Seven astronauts were selected for Project Mercury, Cooper, Grissom, Slayton, Carpenter, Shepard, Schirra, and Glenn.

LEAVE THESE FOR THE DOCENTS TOMORROW

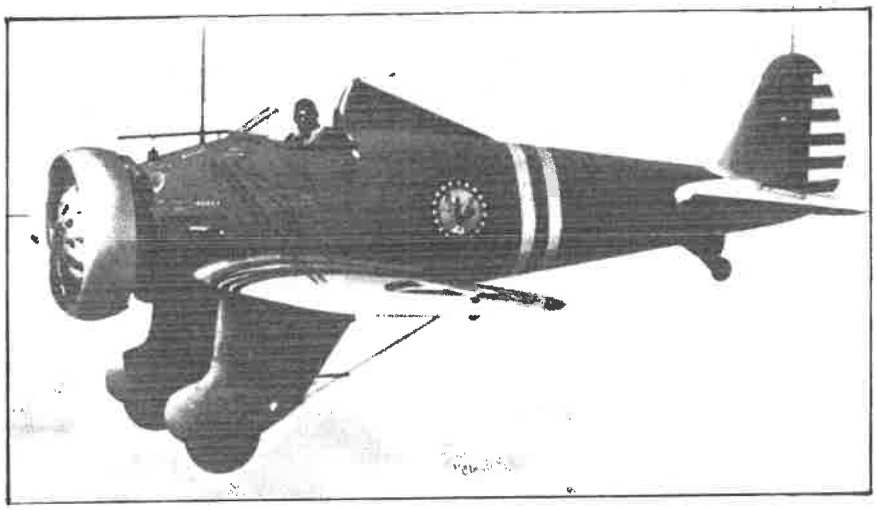
OUT OF THE PAST THIS WEEK
MARCH 20 TO 26 *

Mar.20, 1915 Three German Army Zeppelins bombed Paris from Belgian bases.

Mar.20, 1922 The Navy commissioned its first aircraft carrier, USS LANGLEY(CV-1), converted from the collier JUPITER.

Mar.20, 1925 LT. Halland saved the lives of his eight-man crew aboard a Curtiss H-16 flying boat on a flight from San Pedro to San Diego in the evening. They entered dense fog. Lost, he cut the engines to hear the surf and managed a safe landing in the ocean. Waves washed the seaplane up on the beach and destroyed it but the sailors saved the two 400 hp Liberty 12 engines..

Mar.20, 1929 The Airport Diner at Kettner and Laurel Street, a former railroad dining car, had a fine view of Lindbergh Field. I used to eat there a long time ago.



BOEING P-26A

Mar.20, 1932 First flight of the Boeing Y1P-26, later called the Peashooter.

Mar.21, 1916 The French Air Department authorized the *Escadrille Americaine*, or N.124, which later became the *Lafayette Escadrille.*

Mar.21, 1918 Navy flying students began flight training at North Island, the beginning of Naval Air Station, San Diego.

Mar.21, 1928 Charles Lindbergh received the Medal of Honor from President Coolidge.

Mar.21, 1930 Students at San Diego High School's aircraft rigging class under Instructor L.T. Kittredge, exhibited twelve gliders they had built. Kittredge used to visit the old Aero-Space Museum.

Mar.21, 1932 Police Departments all over the United States got WANTED circulars showing photographs of the kidnapped Charles A. Lindbergh, Jr.

Mar.21, 1962 A bear became the first living creature ejected from a supersonic aircraft when the USAF tested an escape capsule from a B-58 at 870 mph. The bear landed unharmed in 7 minutes, 49 seconds, glad it wasn't unbearable.

LEAVE THESE FOR THE DOCENTS TOMORROW

Mar.22, 1914 The title "Naval Aviator" replaced the former "Navy Air Pilot."

Mar.22, 1923 Captain Tait-Cox, ex-RNAS, piloted an all-white S.E.5 over San Diego leaving a smoke trail that spelled LUCKY STRIKE at 10,000 feet for the American Tobacco Company, an aviation first for the city. Remember smoke-writing?

Mar. 22, 1946 The first American-built rocket to escape earth's atmosphere reached a 50-mile height from White Sands, a WAC built by Douglas

Mar.22, 1956 Flying a Douglas A3D *Skywarrior* Navy LT. Ralph Barnett set a coast-to-coast record of 3 hours, 39 minutes from Burbank to Miami.

Mar.23, 1913 Leonard Bonney with flying student Margaret Stahl flew from Oceanside to National City landing just below the Electric Car Line at 30th in a Deperdussin monoplane. They were on a 600-mile flying tour.

Mar.23, 1965 Astronauts Grissom and Young made three orbits in 4 hours, 53 minutes in Gemini 3, first to maneuver a manned spacecraft in orbit.

Mar.24, 1912 Horace Kearney, flying his pusher from North Island, flew a stunt show over the steamer YALE then bombed it with oranges and lemons.

Mar.24, 1917 Oberleutnant Manfred von Richthofen fought his first Spad VII in combat; shot it down for his 30th victory and got his 31st the next day.

Mar.24, 1918 Richthofen, the Red Baron, shot down his 67th victory, American Lt. Wilson Porter in an S.E.5A, but his time was getting short.

Mar.24, 1939 Jacqueline Cochran set a women's national altitude record of 30,052 feet in a Beechcraft over Palm Springs, California.

Mar.24, 1945 About 150 B-17s bombed Berlin from Italy for the first time, dropping 357 tons of bombs on industrial targets.

Mar.25, 1911 Army Lieutenants Beck, Walker and Kelly graduated from the Curtiss School of Aviation on North Island flying Curtiss pusher landplanes.

Mar.25, 1916 No.29 Squadron with D.H.2's arrived in France. First British aircraft with synchronized gun-gear.

Mar.25, 1917 Billy Bishop, flying a Nieuport 17 with No.60 Squadron, shot down an Albatros, his first victory, then crashed within British lines.

Mar.26, 1868 The San Diego Board of Trustees resolved that nine lots of 160 acres each be set aside for a city park, so 1400 acres was reserved as a city park for all time. Let's name it after Balboa.

Mar.26, 1920 It was Naval Reserve Force Day at San Diego. North Island pilots performed formation and stunt flights. The base was open to visitors. After a crew took off in a ZF-type free balloon clouds hid the sun so the balloon descended over South San Diego. It grazed a couple buildings before they could dump enough sand. No one was hurt.

Mar.26, 1943 First Air Medal awarded to 2nd Lt. Elsie S. Ott, ANC, who had served as a nurse for five patients evacuated from India to Washington, D.C.

Mar.26, 1945 Mickey Maguire died in the crash of his Ryan FR-1 *Fireball* five miles northeast of MCAS Miramar. An FR-1 burned up in the old museum.

Mar.26, 1949 First ten-engine airplane made the first successful flight from Ft. Worth, Texas, the Convair B-36 with six reciprocating and four jet engines.

* Many San Diego events are worth sharing with visitors.

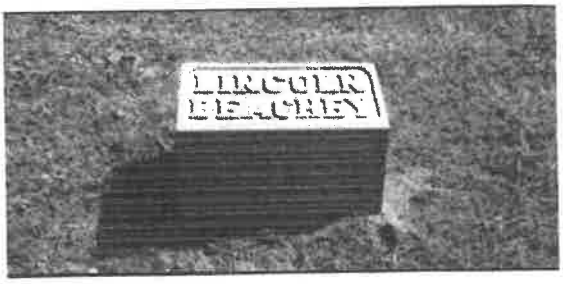
LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
MARCH 13 TO 19

Mar.13, 1918 At North Island in a Curtiss JN Lt. Morris and Flying Cadet Niblack glided over the bay for a landing. Niblack, suddenly realizing a clump of trees was in his way, turned, stalled and spun onto the shore of Spanish Bight. Both survived. It was the seventh accident in 1918.

Mar.13, 1918 Richthofen shot down his 65th victim, a Sopwith *Camel*.

Mar.13, 1959 Aviation Cadet E.R. Cook soloed in a TT-1 *Pinto*, first student in naval history to solo a jet without experience in propeller aircraft.



Mar.14, 1915 After the wings buckled during a dive Lincoln Beachey drowned in the crash of his new monoplane in San Francisco bay during an air show.*

Mar.14, 1919 Ensign Kerr and Pilot Frank Chase got their Curtiss N-9 in the slipstream behind a big seaplane and dove into San Diego bay. Both were rescued.

Mar.14, 1923 Rockwell Field got orders to sell their airplanes in a week at $100 each. Remaining ones would be burned. Frank Page bought a bunch of Thomas-Morse S-4C Scouts and stored them in a warehouse by the railroad track.*

Mar.14, 1929 The company that built the *Spirit of St. Louis*, the Mahoney Aircraft Corporation on Barnett Avenue, closed down, sold odds and ends to the Tijuana Aircraft Company and shut their doors. It had built 179 airplanes.

Mar.14, 1929 Rockwell Field got back in business with $518,000 to build new barracks for officers and enlisted men.

Mar.15, 1917 Swede Meyerhoffer established the first flying boat factory in San Diego at 625 Arctic Street(later Kettner Blvd.).

Mar.15, 1921 LCDR Marc Mitscher led 12 DH-4s of the Shipplane Division up to Long Beach to help the battleships during spring battle practice.

Mar.15, 1926 T.C. Ryan began a survey flight of the Los Angeles-Seattle airway flying the new Ryan M-1 with a Wright J-4 radial.*

Mar.15, 1928 Two Marine DH-4Bs from the Ace of Spades squadron at North Island locked wings in midair over the Barnett Avenue flying field and crashed killing the four crewmen.*

Mar.15, 1929 Maddux Air Lines increased its Los Angeles-San Diego service from two to three trimotors a day. San Diego offered the Navy 1,000 acres of Camp Kearny for an airship base. T.C. Ryan Flying School staged a parade

LEAVE THESE FOR THE DOCENTS TOMORROW

downtown of decorated floats with actresses from the Pantages Theatre towing six airplanes.

Mar.15, 1951 A Boeing KC-97A tanker successfully refueled a Boeing B-47 in flight.

Mar.16, 1917 A 17-plane flyby greeted a Congressional party visiting North Island. The three Martin TT's, a Curtiss N-8, and 13 Curtiss JN-4B's were the most number of airplanes in the air at one time in local history.

Mar.16, 1917 Guynemer downed three German aircraft bringing his total to 34. Five Zeppelins bombed England. Damage was negligible.

Mar.16, 1918 Major John Mitchel, the former mayor of New York, soloed at North Island after 12 hours dual. They named the Long Island airport for him.

Mar.16, 1920 Ten Curtiss F-5Ls flew from North Island to San Pedro and spotted battleship firing practice for four days. Two kite balloons were towed up there for observers to sit in and send corrections for firing practice.

Mar.16, 1922 A Curtiss F-5L forcelanded at La Jolla Cove in the rain. The next morning it was a wreck on the rocks. Mechanics struggled all day taking the wings off in waist deep water and choppy breakers.

Mar.16, 1923 At NAS, San Diego Fighting Squadron 2 was commissioned. The pilots flew 18 Vought VE-7 two-seaters.

Mar.16, 1926 Robert Goddard launched the first successful rocket powered by liquid propellants. It went 184 feet in 2.5 seconds.

Mar.16, 1929 After George Smith went up in a new Waco from Chula Vista Airport with his friend, Jackson Hicklin, they got in a spin at 500 feet and crashed at Boulevard and I Street. Both men were badly injured.

Mar.17, 1919 From a San Diego Union news item. The Army might give their part of North Island to the Navy. The base complement was down to 100 men. Col.H.H.Arnold got orders to crate and store most of the aircraft. However, the base expected to soon receive several Fokker D.VII airplanes.

Mar.18, 1916 The Panama-California Exposition reopened. Four Martins and one Curtiss from North Island flew in echelon over Balboa Park dropping souvenir American flags. The Martin pilots were Army officers Milling, Brindley, Curry, and Royce. Doc Wildman flew the Curtiss.*

Mar.18, 1918 Flying Cadet Simpson crashed his Canadian Curtiss near Buoy No. 5 off North Island and was instantly killed. He was the third fatality at Rockwell Field since the war began. It would get much worse before the Armistice.

Mar.18, 1918 Richthofen shot down his 66th victory, a Sopwith *Camel.*

Mar.18, 1945 1,250 U.S. bombers escorted by 670 fighters hit Berlin with 3,000 tons.

Mar.19, 1918 94th Aero Squadron Lieutenants Rickenbacker and Campbell made their first patrol over German territory with Raoul Lufbery, an ace from the Lafayette Escadrille.

Mar.19, 1924 Lt. Eric Nelson and his mechanic, Jack Harding, took off from Rockwell Field in their Douglas World Cruiser for Santa Monica, thence to Seattle to start the round-the-world flight with the other three planes.*

* Can be mentioned during your tours today.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
MARCH 6 TO 12

March 1910 Charles Walsh moved his family into tents at Imperial Beach and worked to complete building his new Curtiss-type pusher biplane.

Mar.6, 1913 Lt. Brereton flew to Point Loma in a Curtiss pusher, circled the USS BENNINGTON monument and returned to North Island.

Mar.6, 1920 Air Passenger Service advertisement in The San Diego Union: "Fly With Us Sightseeing Trips over City and Bay. Free Seats at Aviation Field where you can watch. Tide Street at Midway Drive on Ocean Beach car line. Main 5136." James Hennessey was the pilot. Learned to fly at North Island. (Tide Street is Barnett Avenue today. They had a Jenny.)

Mar.6, 1923 Dick Kerwood tried to pick up a passenger from a motorboat by Jacob's ladder off Point Loma for the movies and failed for the 24th time in ten days. They quit.

Mar.6, 1925 LT. Tate of VO-2 crashed his Vought VE-7SF a mile north of Del Mar after his engine quit on a flight from North Island. He was unhurt.

Mar.7, 1911 At North Island Glenn Curtiss removed one aileron cable and found the biplane flew the same. He said it reduced the danger by one-half.

Mar.7, 1922 From The San Diego Union. In 1914 the hotels advertised you can get a room and a bath for a dollar and a half. In 1922 you pay two and a half without a bath. And they say Jesse James was an outlaw.

Mar.7, 1924 Frank Page took off at 6:27 a.m. and set a Pacific coast altitude record in his Thomas-Morse S-4C of 16,100 feet over San Diego landing at 8:01.

Mar.8, 1915 Georgia "Tiny" Broadwick parachuted from the Martin T, No. 31, at 1,400 feet over North Island. Broadwick was a friend of the old museum.

Mar.8, 1917 Count von Zeppelin died near Berlin, Germany at age 78.

LEAVE THESE FOR THE DOCENTS TOMORROW

Mar.8, 1917 Seven Army cadets in Curtiss JN-4B's flew the 112-miles to Los Angeles from North Island and back with Sgt. James Krull as instructor-observer. Krull was a friend of the old museum. We have one of his pilot log books.

Mar.8, 1924 Two Army Douglas World Cruisers landed at Rockwell Field to swing compasses before starting to fly around the world from Seattle.

Mar.8, 1925 From P.E. Myers pilot log book in the museum: X-country to San Onofre. Ryan Airway dedication. Myers and Lt. Gregg flew JN-6HG1, 44894, from Rockwell Field, 1 hour, 40 minutes. (I interviewed Myers before he died in the 1980's.)

Mar.9, 1917 Richthofen downed a D.H.2, his 25th victory, then landed with punctured gas tanks.*

Mar.9, 1918 Eighteen Canadian Curtiss planes from North Island flew over the review of the Sunshine Division at Camp Kearny. They circled the parade ground and some looped the loop. The title "Canuck" for the Curtiss JN-4Can was not used at San Diego.

Mar.9, 1921 Lt. Morgan and Sgt. Scott, flying border patrol from Rockwell Field in a DH-4, landed at Calexico with a flat tire and overturned. Nobody hurt.

Mar.9, 1926 Capt. Frank Seifert and Lt. Ned Schramm flew a DH-4B from Santa Barbara to San Diego in one hour, 37 minutes, a new record for the airway, with a tail wind. Seifert was a friend of the old museum. Schramm's pilot log books are in the museum collection.

Mar.9, 1927 The Navy bought its first transport, a Ford XJR-1, A7526, a trimotor.*

Mar.9, 1945 Tokyo was ¼ destroyed by a night raid of over 300 Boeing B-29's.

Mar.10, 1921 The Navy B-18 blimp escorted a formation of eleven F-5L's to North Island. They were returning from a 6,500 mile flight to Panama.

Mar.10, 1925 Maj. Ross Rowell, CO of VO-1M at North Island, crashed his DH-4B near the south end of the Silver Strand on a cross-country flight breaking the propeller and lower wings. He was unhurt.

Mar.10, 1943 Maj.Gen. Claire Chennault took command of new Fourteenth Air Force.*

Mar.11, 1911 Lt. G.E.M. Kelly flew the 8-cylinder Curtiss at North Island the first time. "Wow, she's a hard ship to hold," he said.

Mar.11, 1918 Lothar von Richthofen downed a Brisfit, his 27th victory.

Mar.11, 1919 Col. Henry H. Arnold relieved Col. Burwell as commanding officer of Rockwell Field on North Island.

Mar.11, 1923 The Marines decided to be first to fly airplanes around the world. They never got around to it.

Mar.12, 1915 Lt. B.Q. Jones went up in the Burgess tractor, No. 38 with two passengers and set a world record over North Island of 7 hours, 5 minutes.

March 1918 2nd Lt. James R. Doolittle received his commission and his wings at North Island. We met him in the new museum before he died. He was short.

March 1919 James Hennessey applied to the City Park Board and was denied permission to use the area near the Balboa Park north gate for a landing field to fly passengers.

* Can be used on your tours today.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
FEBRUARY 27 TO MARCH 5

Feb. 27, 1928 CDR. T.G. Ellyson, the first naval aviator, and two companions crashed in Chesapeake Bay at night in a Loening amphibian and were killed.

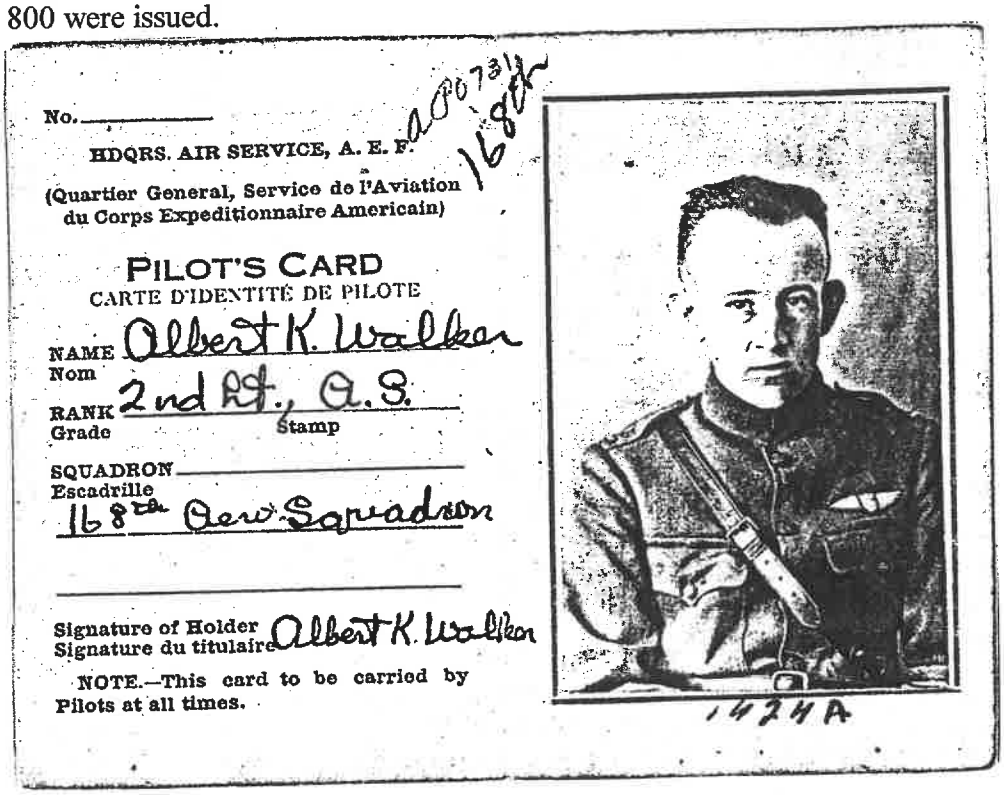
Feb. 27, 1942 Japanese planes sank the seaplane tender USS LANGLEY in the Java Sea.

Feb. 28, 1911 Glenn Curtiss made the first takeoff from Spanish Bight in a pusher hydroaeroplane with three wings and one passenger.

Feb. 28, 1912 At North Island Ensign Herbster qualified for his aviator license flying the Wright B-1 hydroaeroplane.

Feb. 28, 1917 For the first time in the U.S. the human voice was transmitted by radiotelephone from an airplane to the ground at San Diego.

Feb. 28, 1918 President Wilson required licenses for civilian pilots or owners. More than 800 were issued.


No. A-6073
HDQRS. AIR SERVICE, A. E. F.
(Quartier General, Service de l'Aviation du Corps Expeditionnaire Americain)
PILOT'S CARD
CARTE D'IDENTITÉ DE PILOTE
NAME Albert K. Walker
Nom
RANK 2nd Lt., A.S.
Grade
Stamp
SQUADRON
Escadrille
168th New Squadron
Signature of Holder Albert K. Walker
Signature du titulaire
NOTE.—This card to be carried by Pilots at all times.
1424A

Feb. 28, 1918 2nd Lt. Albert K. Walker, A.S. logged 22 minutes of landing practice at Rockwell Field in an OX Curtiss JN-4.

Feb. 28, 1927 Charles A. Lindbergh placed an order with the Ryan Flying Company at San Diego for a Special Ryan monoplane with a Wright J-5 motor.

Mar. 1, 1913 Army Lt. Samuel McLeary flew a Curtiss Model D pusher biplane from North Island to La Jolla and back. He was in flight training.

Mar. 1, 1916 Swede Meyerhoffer flew an aerial ferry with a pusher hydroplane from the foot of Market Street, San Diego.

LEAVE THESE FOR THE DOCENTS TOMORROW

Mar. 1, 1918 Flight instructor Mike Brown did some fascinating aerial acrobatics in a Canadian Curtiss(sic) over San Diego bay north of Fifth Street, including a falling leaf from 6,000 feet, Immelmann turn, half loop and a tail spin.

Mar. 1, 1920 A Navy crew flew the Goodyear C-6 blimp from NAS, San Diego reaching 1,000 feet during the flight. Sailors called it "riding the pig."

Mar. 1, 1937 The first Boeing B-17A *Flying Fortress* was delivered to Langley Field.

Mar. 1, 1939 The Civil Pilot Training Program began.

Mar. 1, 1942 First Air Education Program for U.S. high schools began. Ensign William Tepuni, flying a Lockheed Hudson, sank the first German U-boat by U.S. forces in World War II.

Mar. 2, 1911 Glenn Curtiss and Charles Witmer were up in the pusher hydroaeroplane with three wings at San Diego. Witmer sat on the central float. When they landed the bottom of the float collapsed. The plane sank leaving Witmer up to his neck in the water. He and Curtiss laughed about it.

Mar. 2, 1912 Ensign Herbster took teenager Waldo Waterman up in the Wright B-1 to take photographs of the North Island aviation base. They didn't know it but on a earlier flight the central float had taken on 30 gallons of water. On landing the plane would not level out and crashed in shallow Spanish Bight. Both were rescued. Waterman was good friend and airplane donor to the old museum. He died on December 8, 1976.

Mar. 2, 1913 First flying pay authorized – 35 percent over base pay for officers.

Mar. 2, 1918 Rudolph Valentino helped earn money for the Red Cross at the Hotel del Coronado on Saturday night.

Mar. 2, 1921 E.L. Remelin piloted a Junkers-Larsen from LA to North Island with five passengers including H.L.Mead, part owner of the Whiting Mead Building Materials Company. Remember the company?

Mar. 2, 1949 Boeing B-50 bomber, *Lucky Lady II,* completed first nonstop round-the-world flight in history, 94-hours with four refuelings from B-29 tankers.

Mar. 3, 1915 Congress established the National Advisory Committee for Aeronautics (NACA) to supervise and direct the scientific study of flight problems.

Mar. 3, 1918 The Navy's first dirigible in France, the AT-1, was flown by Americans.

Mar. 3, 1919 Lt. Arthur Peetz, A.S., took-off Ream Field, Imperial Beach in an S.E.5 and set an local altitude record of 23,000-feet without oxygen.

Mar. 4, 1922 The CPO Club held an aerial circus in Balboa Park west of the Indian Village(zoo parking lot today?). Handcuffed Augie Pedlar climbed all over the Standard in the air then lay astride the cowling during the landing. A visitor ran out in front of the biplane with a camera. The pilot tried to tip the wing over him but the leading edge crushed the man's face beyond rcognition. He died at the hospital of skull fracture. Next a parachutist did a Bullet Drop turning the chute inside out on the way down. Air shows just aren't that much fun anymore.

Mar. 5, 1923 The first jettisonable belly tank was fitted to a Boeing MB-3A bomb rack at Selfridge Field, Michigan. The flying radius increased 400 miles.

Mar. 5, 1939 Nonstop air mail by pick-up was demonstrated by Norman Rintoul and Victor Yesulantes in a Stinson Reliant at Coatesville, Pennsylvania.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
FEBRUARY 20 TO 26

Feb. 20, 1912 German Zeppelin *Victoria Luise* sets record 45 mph on trial trip at Berlin.

Feb. 20, 1925 German-built U.S. Navy dirigible *Los Angeles* flew from Lakehurst, New Jersey to Bermuda and returned the next day.

Feb. 20, 1938 The Aircraft Drive-In across the street from Lindbergh Field sold lunch for 25 cents and milkshakes for a dime.

Feb. 20, 1943 NAAS, Camp Kearny was commissioned.

Feb. 20, 1945 Secretary of War approved plans to establish the White Sands Proving Ground, a rocket-firing installation.

Feb. 20, 1962 After a launch by a Convair *Atlas* rocket Lt.Col. John Glenn completed a three-orbit flight around the earth in *Friendship 7,* a Mercury spacecraft, in 4 hours, 56 minutes, the first manned orbital space flight.

Feb. 21, 1911 F. Guey to be the first aviator in China.

Feb. 21, 1918 Naval Air Station, Bolsena was commissioned, the first of two such stations in Italy during WW I. Ensign W.B. Atwater was commanding officer. It was used as a flying school.

Feb. 21, 1921 LT. W.D. Coney, Air Service, flew solo in a DH-4 from Rockwell Field, North Island to Jacksonville, Florida in 22 hours, 27 minutes.

Feb. 21, 1922 The semi-rigid Army dirigible *Roma* was destroyed after striking high tension wires near Langley Field, exploding in flames killing 33 men. Hydrogen was no longer used in U.S. dirigibles after that accident.

Feb. 21, 1923 The De Bothezat helicopter stayed up for 2 minutes, 45 seconds at McCook Field, Dayton, Ohio.

Feb. 21, 1924 Carl Eielson flew the Alaskan air mail from Fairbanks to McGrath.

Feb. 21, 1926 Loening amphibian was launched from catapult for the first time.

Feb. 21, 1961 Final training for the first Mercury flights began with Alan Shepard, Virgil Grissom, and John Glenn.

Feb. 22-23, 1921 Jack Knight and E.M. Allison flew the first transcontinental air mail from San Francisco to New York in 33 hours, 20 minutes in a DH-4M.

Feb. 22, 1924 Lt. John A. Macready reached 41,000 feet in a Liberty 400 Packard Le Pere then the supercharger broke.

Feb. 22, 1931 A glider carnival on Sunday at the Emerald Hills Country Club celebrated the memory of Ruth Alexander and Dr. Kumm at San Diego.

Feb. 22, 1942 The U.S. Bomber Command was established in England under the command of Brig.Gen. Ira Eaker. He visited the old Aero-Space Museum before the 1978 fire.

Feb. 22, 1978 Arsonists destroyed the San Diego Aero-Space Museum with 55 aircraft and archives in the 1915 Electric Building in Balboa Park.

Feb. 22, 1980 San Diego Aero-Space Museum reopened in the restored Ford Building. Director McKellar changed the name from Aero-Space to Aerospace.

LEAVE THESE FOR THE DOCENTS TOMORROW

Feb. 23, 1911 LT. T.G. Ellyson flew with Glenn Curtiss in the Curtiss hydroaeroplane at North Island to become his first seaplane passenger.

Feb. 23-24, 1930 Hawley Bowlus set an American glider record of 9 hours, 5 minutes over Point Loma in a Bowlus sailplane.

Feb. 24, 1913 The Army Board at Signal Corps Aviation School, San Diego, condemned all pusher aeroplanes. There were three at North Island.

Feb. 24, 1915 R.V. Morris began flight-testing the Macy automatic pilot at North Island.

BOEING P-12

Feb. 24, 1930 Six Boeing P-12 pursuit planes for the 95th Pursuit Squadron arrived at Rockwell Field to replace Boeing PW-9's.

Feb. 24, 1949 Republic XF-91 jet rocket interceptor fighter unveiled at Farmingdale factory, Long Island with J-47-GE-3 and XLR-11-RM-9 engines.

Feb. 25, 1933 USS RANGER(CV-4) commissioned at Newport News, Virginia.

Feb. 25, 1949 The Martin JRM-2 *Caroline Mars* flying boat carried 218 men from San Diego to Alameda with a four-man crew setting a world record.

Feb. 25, 1954 First flight of the Convair R3Y-2 *Tradewind* by Don Germeraad from San Diego bay.

Feb. 25, 1955 USAF Boeing B-47 *Stratojet* flew from March Field to Hunter AFB, Georgia in 3 hours, 19 minutes, at 641 mph.

Feb. 25, 1961 Paul Bikle flew a Schweizer 1-23-E sailplane to 46,267 feet, a world record, believe it or not.

Feb. 26, 1911 Glenn Curtiss flew the first Curtiss amphibian at North Island taking off from Spanish Bight, landing on the sandy beach by the Hotel del Coronado, then taking off after lunch and landing back in Spanish Bight.

Feb. 26, 1918 The 2nd Balloon Company, the first U.S. Air Service unit to serve with American troops at the front in WW I, arrived at the Toul sector.

Feb. 26, 1918 McCudden downed a Hanover CL.II for his 57th and last victory.

Feb. 26, 1930 Paul Whiteman, jazz king, tried to do a some gliding at Lindbergh Field but he was too big for the seat and the wind was too weak to lift him.

Feb. 26, 1932 Customs officials arrested two men at Ream Field, Imperial Beach after their airplane force-landed with a clogged fuel line. They were unloading 100-gallon cans of alcohol.

LEAVE THESE FOR THE DOCENTS TOMORROW

OUT OF THE PAST THIS WEEK
FEBRUARY 13 TO 19

Feb. 13, 1917 At Pensacola Marine Capt. Francis T. Evans looped and spun a seaplane for the first time. He got a DFC.

Feb. 13, 1937 LTJG Forbes, ferrying a Navy plane from Yuma to North Island, crashed on cloud-covered Laguna Mountain at about 2:15 p.m. and was killed.

Feb. 13, 1943 Vought F4U *Corsairs* saw action for the first time with Marine Fighter Squadron 124 escorting 124 PB4Ys to Bougainville.

Feb. 13, 1964 First flight of the Tweed GT-2 Big Mamoo glider at Elsinor.

Feb. 13, 1988 At San Diego the pilot tried to takeoff a helicopter from the tuna boat *CHAC MOOL* with two tie-downs still attached. It crashed over the bridge. He was killed.

Feb. 14, 1917 Manfred von Richthofen scored his 20th and 21st victories, two B.E.2D's.

Feb. 14, 1918 Roland Garros escaped from a German prison camp. He had been captured in April 1915 with the interrupter mechanism in the Morane.

Feb. 14, 1926 First flight of the Ryan M-1 was made by T.Claude Ryan at Dutch Flats. Note that the first one had a Hisso engine.

Feb. 14, 1931 Congress established the Medal of Honor for Air Mail Flyers, retroactive to May 15, 1918.

Feb. 15, 1915 Rene Dorme and Rene Fonck began flight training in France.

Feb. 15, 1916 Albert Ball joined No. 13 Squadron flying B.E.2C's.

Feb. 15, 1917 Werner Voss scored his 12th victory flying an Albatros D.I.

Feb. 15, 1918 Ensign Albert Sturtevant was killed in air combat over the North Sea; first U.S. Navy pilot to die in combat.

Feb. 15, 1999 The hot air balloon, *CALIFORNIA DREAMIN,* force-landed in the ocean a quarter mile off Solana Beach at about 5:40 p.m. Eleven passengers and the pilot were rescued. The balloon sank.

Feb. 16, 1893 The Maxim airplane lifted off its tracks. It weighed nearly 6000-pounds.

PLEASE LEAVE THESE ON THE DESK

Feb. 16, 1917 Last raid on England by an Army Zeppelin, the LZ107.

Feb. 16, 1997 The McDonnell Douglas 369D helicopter crashed in the Sycamore Canyon area northeast of Santee searching for a lost child at 7 p.m.. The observer was killed. The pilot was inadequately trained for night flying.

Feb. 17, 1911 Glenn Curtiss took-off from Spanish Bight, North Island in the Curtiss tractor biplane and landed next to *USS PENNSYLVANIA* in San Diego bay. The sailors hoisted the airplane aboard. After various social niceties and photographs they hoisted the hydroaeroplane back to the water then Curtiss taxied back to North Island with his float half full of water.

Feb. 17, 1911 World's first airmail flight was made by Fred Wiseman from Petaluma to Santa Rosa, California. Ref: Aerial California by K.M Johnson, 1961. It is wiser to stay away from "world's first anything."

Feb. 17, 1914 Seaplanes and flying boats were classified as "vessels" by the Department of Commerce. License No. 1 was issued to Antony Jannus.

Feb. 17, 1925 LT. Brow, Naval Aviator 571, test-flew the Boeing NB-1 in a flat spin on purpose off North Island. Unable to get out of it, he crashed in San Diego bay then swam to safety aboard USS KANAWHA(AO-1).

Feb. 17, 1931 Red army air force pilot Nina Romashkovtzeva said girls are better pilots than men. They had more nerve and they talked less. The 18-year old had soloed in 31 different airplanes. Ref: The San Diego Union

Feb. 17, 1944 A Consolidated PB2Y *Coronado* coming in to land crashed into a barracks on the Coronado strand. Eleven were killed.

Feb. 17, 1996 After takeoff from Brown Field the engine gave up. The KR-2 went into a hard right-hand turn and crashed on the concrete at the Rohr test facility just north of the Brown Field runway. The pilot was killed.

Feb. 18, 1918 The 103rd Pursuit Squadron was formed with members of the *Lafayette Escadrille* and began operations at the front under French tactical control.

Feb. 18, 1921 First emergency free-type parachute escape was made by an airmail pilot, C.C. Eversole, near Minneapolis. He jumped from a DH-4 at 800 feet. The ship had lost a propeller and gone into a spin.

Feb. 18, 1987 The pilot lost power in a Cessna 182 after taking off from Montgomery Field. He crashed along Balboa Avenue hitting four cars. No fatalities.

Feb. 18, 2000 The pilot of a Lancair IV-P lost power and landed on southbound I-15 three quarters of a mile from Rancho Bernardo with no further accident.

Feb. 19 ?,1687 Sir Isaac Newton developed the three laws of motion. (1) Every body continues at rest or in a state of uniform motion unless a disturbing force acts upon it. (2) A body, acted upon by a force, experiences an acceleration in the direction of the force and proportional in amount to it, and inversely proportional to the mass of the body. (3) To every action of a force there is an equal and opposite reaction.

Feb. 19, 1915 C.W. Webster sideslipped too low then crashed the Jannus hydroplane into San Diego bay. Sailors from the windjammer *ANNIE LARSEN* rescued him and the passenger.

Feb. 19, 1918 Fonck downed two more German aircraft.

PLEASE LEAVE THESE ON THE DESK

HISTORY FOR THE WEEK OF FEBRUARY 6 TO 12

Feb. 6, 1926 The oldest Marine in the Corps was Sergeant Henry B. Hallowell, age 84. He worked at North Island.

Feb. 7, 1911 Harry Harkness flew his Antoinette from North Island to the border, dropped a message to an Army Lieutenant then returned in 56 minutes.

Feb. 7, 1911 Glenn Curtiss flew the Curtiss **tractor** hydroaeroplane from Spanish Bight for the first time. He got wet in the propwash.

Feb. 7, 1916 The first Royal Flying Corps single-seater fighter squadron flew the D.H.2 into action in France. Major Lanoe Hawker was commander.

Feb. 7, 1931 The Navy decided to use old destroyers as gunnery targets for ships and planes. *USS STODDERT*(DD-302) was one at San Diego.

Feb. 8, 1912 Fred Hoover passed the FAI tests for aviator in a Curtiss pusher at North Island. We met him many times at the old museum.

Feb. 8, 1918 General Pershing wanted all airmen's pay cut. Flying was not hazardous service.

Feb. 8, 1928 Japanese Navy Captain Yamamoto visited NAS, San Diego.

Feb. 8, 1933 First flight of the Boeing 247 high-speed transport at Seattle.

Feb. 8, 1939 Army flew ten new Boeing B-18s from Randolph Field, Texas, to Balboa, Canal Zone with an overnight at Guatemala.

Feb. 8, 1947 Bill Dancy made his first solo in Aeronca NC2108, from Sweetwater Springs Field on Jamacha Road. Dancy used to work for the museum.

Feb. 9, 1914 After Army Lt. Post set an altitude record of 12,120-feet in a Wright C hydroplane from North Island, the wings broke. He died in the crash, the worst accident of the year.

Feb. 9, 1920 At North Island Navy mechanics assembled Spad VII, Hanriot HD-1, Vought VE-7 and Sopwith Camel biplanes for test flights to then go aboard battleships. San Diego Union 2-10-20

Feb. 9, 1921 Ruth Tibbals dropped streamers from Jimmy Hennessey's Jenny over downtown San Diego advertising the Spring Frolic to raise funds to rehab the Counties building in Balboa Park.

Feb. 9, 1925 Army Lt. Frank Seifert resigned from the service. He had learned to fly at San Diego in 1918. He had been in the first air-to-air refueling DH-4 in 1923. Seifert supported the old museum. We met him many times.

Feb. 9, 1929 At San Diego Hawley Bowlus was notified that his sailplane, licensed 493, was the first glider licensed in the United States.

Feb. 9, 1934 *USS MACON*(ZRS-5) moored to the tower at old Camp Kearny. Today the area is MCAS Miramar.

Feb. 9, 1945 Ensign Boston qualified with seven landings aboard *USS MATANIKAU*(CVE-101) in a Grumman F6F from North Island. Boston works the turnstyles on Fridays.

Feb. 9, 1969 First flight of the Boeing 747 at Seattle, Washington.

PLEASE LEAVE THIS ON THE DESK

Feb. 10, 1919 Three Army DH-4s set a speed record between Los Angeles and San Diego, 120 miles in 59 minutes.

Feb. 10, 1929 San Diego pilot Marvel Crosson took off from Clover Field, Santa Monica in a Whirlwind Travel Air and began climbing. Her altimeter failed at 20,000 feet. Her brother taught her to fly a Curtiss Jenny in 1922, probably at Dutch Flats along Barnett Avenue.

Feb. 11, 1916 Pilot Floyd Smith took off North Island with two passengers in a Martin S and set an altitude record of 9000 feet on the instrument strapped to his leg. It was the largest seaplane in the United States.

Feb. 11, 1925 The First Pursuit Group began a week of winter maneuvers at Oscoda, Michigan flying Curtiss PW-8 ?? pursuits off the ice with skis in zero weather.

Curtiss PW-8 on skis (*USAF photo 29247*).

Feb. 11, 1929 Eighteen-year old Bobbie Trout set a non-refueled endurance record for women of 17-hours, 5-minutes, 37-seconds in a parasol-type open cockpit Golden Eagle *Chief* around pylons at San Diego and Los Angeles.

Feb. 11, 1931 Leslie Earl sideslipped his Great Lakes 2-T into Lindbergh Field and flew into the house at 2554 India Street. Nobody was hurt. The house is no longer there.

Feb. 11, 1935 USS MACON(ZRS-5) crashed at sea off Point Sur with the loss of two lives. It ended the rigid airship program in the Navy.

Feb. 11, 1979 Ed Leiser got a ride with Miles Blaine in a Cessna *Skyhawk* from Montgomery field. Blaine has just retired from the museum after working in the library photograph files for over 20 years. Blaine learned to fly at Peik Airport beside Mission Bay in 1936. He still flies.

Feb. 12, 1912 Robert Fowler completed a transcontinental flight in a Wright B from Los Angeles to Pablo Beach, Florida in 116 days.

Feb. 12, 1917 At the Signal Corps Aviation School on North Island six lieutenants took their first training flight in Curtiss N-8's.. There were 54 men in training.

Feb. 12, 1919 American Lt. Maynard, a test pilot at Romorantin, France, looped a Sopwith Camel a record 318 times in one flight.

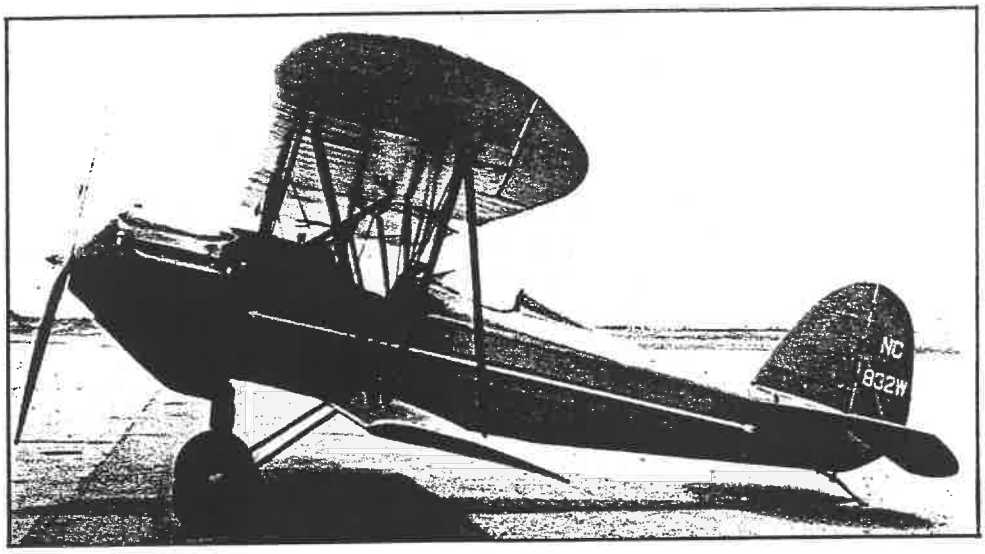
PLEASE LEAVE THIS ON THE DESK

HISTORY FOR THE WEEK OF JANUARY 30 TO FEBRUARY 5

Jan. 30, 1912 Navy LT. Ellyson flew the Curtiss A-1 from San Diego bay, first naval officer to fly a biplane. The museum hangs an A-1 reproduction in the rotunda. The float is too big because the plane was too heavy.

January 1918 Flying Cadet Frank Luke, Jr., was commissioned 2nd Lt., ASSC, ORC at Rockwell Field, San Diego then went on two weeks leave.

Jan. 30, 1929 Elinor Smith set an altitude and endurance record of 13 hours, 16 minutes at New York in a Brunner-Winkle *Bird* with a Curtiss OX-5 engine.



Jan. 31, 1914 Francis Wildman established a Curtiss flying boat service from North Island to Coronado and made eight to fifteen flights a day.

Jan. 31, 1918 McCudden shot down two Pfalz D.III to bring his score to 46.

Jan. 31, 1938 The Army Air Corps finally completed moving away from North Island. Army pilots had arrived in 1913 then lived and worked in tents awhile.

Jan. 31, 1946 The first missile launched at Point Mugu was a *Loon*, a copy of the V-1 pulse jet. The old museum had one from Point Mugu on exhibit.

Jan. 31, 1958 The first American satellite, *Explorer I*, was launched.

February 1915 George Hallett lectured Army Second Lieutenants on aeroplane motors at North Island. Hallett was the museum historian in the 1960s. We met him in the 1970s.

Feb. 1, 1917 The Royal Flying Corps had 40 squadrons plus one RNAS squadron on the Western Front.

Feb. 1, 1918 Franklin Farnum starred in *THE WINGED MYSTERY* at the Superba Theatre. "Aeroplanes in rescueing flight, carrier pigeons as film actors. Clever detective work. Mystery and adventure. 20-cents and 30-cents including War Tax." Charlie Chaplin in *WORK* was the double feature.

PLEASE LEAVE THIS ON THE DESK

Feb. 1-2, 1919 Army pilots held a Flying Circus at Rockwell Field featuring over 200 Spads, Thomas-Morse Scouts, DH-4s, and Jenny's in mock combat, potato races between Camp Kearny and Rockwell Field, shooting at towed sleeves, bombing, and parachutists dropping from a kite balloon.

Feb. 1, 1920 Ad in The San Diego Union. New Curtiss JN-4D. Graduate Army pilot. 9 a.m. to 9 p.m. Reasonable rates. Passengers. Flying scenic or special air trips. Tide Street opposite the Naval Station Base (later named Barnett Avenue). Tony Beres loaned the museum photos of the place.

Feb. 1, 1923 The Postmaster General ordered all air mail pilots to carry snowshoes just in case of a forced landing in the wilds and also trained them.

Feb. 1, 1941 Rohr Aircraft moved from downtown San Diego to the foot of G Street in Chula Vista which closed Chula Vista Airport.

Feb. 2, 1954 First flight of the Lockheed XF-104 *Starfighter.*

Feb. 3, 1937 Instructor Louis Dale was up with a student in Swallow, NC684H, from Chula Vista Airport. When his belt broke Dale fell out and parachuted to the ground. The student landed safely at Ream Field although he had never landed before by himself. Dale was a friend of the old museum.

Feb. 3, 1939 First flight of the Ryan XPT-16 at Lindbergh Field.

Feb. 4, 1870 The selection of 1440 acres for a San Diego city park was ratified by the State Legislature. It was permanent.

Feb. 4, 1913 The tractor-type, side-by-side two-seater Curtiss Model G, one of two built at Hammondsport, arrived at North Island.

Feb. 4, 1920 Ad in The San Diego Union. 18-year old parachute jumper looking for contract on biplane or balloon for ad purposes.

Feb. 4, 1939 The Air Corps flew the four-engine Boeing XB-15 from Langley Field to Santiago, Chile with medical supplies for earthquake victims. Stopped twice on the way down.

Feb. 4, 1944 Off the coast of San Diego the Goodyear K-29 blimp landed on *USS ALTAMAHA*(CVE-18), the first LTA to do so.

Feb. 4, 1947 First flight of the Convair XB-46 from Lindbergh Field by test pilot Sam Shannon. Copies of his pilot log books are in the museum library.

Feb. 4, 1948 First flight of the Douglas *Skyrocket.*

Feb. 5, 1918 Major Butler lost control of Curtiss JN-4B, No. 156 after takeoff at Rockwell Field and spun in from 300-feet. He broke a leg.

Feb. 5, 1918 U.S. Air Service 1st Lt. Stephen Thompson scored the first U.S. air victory while flying in a French squadron Breguet 14 as a gunner on a bombing mission over Sarrebrucke, Germany. He shot down an Albatros D.III. He got the credit on April 27, 1967 at Wright Patterson AFB, Dayton, Ohio.

Feb. 5, 1923 Thirty-seven planes from NAS, San Diego fought air battles over battleships anchored off San Pedro harbor. There were 12 Voughts, 16 DH-4s, 6 Douglas DTs, and 3 Curtiss F-5Ls. One DT attacked a battleship with a torpedo in the exercises.

Feb. 5, 1941 First flight of the Curtiss P-40F *Warhawk.*

PLEASE LEAVE THIS ON THE DESK

HISTORY FOR THE WEEK OF JANUARY 23 to 29

1877	In 1877 to prevent silting up San Diego bay the San Diego River was diverted from San Diego bay into False Bay, later named Mission Bay.
Jan. 23, 1910	During the first Air Meet at San Diego Charles Walsh tried to takeoff for the first time in his homebuilt monoplane from the Coronado Country Club polo field but it rolled into the fence instead. He junked it. Charles Hamilton made six short flights in the Curtiss *Rheims* racer that day.
Jan. 23, 1917	Guynemer downed two Rumplers for his 26 & 27th victories. Richthofen shot down his 17th victory.
Jan. 23, 1932	Fred Rohr flew a Buhl *Pup*, NC349Y, off Linda Vista Airport for two hours. By 1941 he was president of Rohr Aircraft in Chula Vista.
Jan. 23, 1939	Patrol Wing ONE completed a flight from San Diego to Puerto Rico via Coco Solo with 48 Consolidated PBYs of four squadrons commanded by Captain Mark Mitscher.
Jan. 23, 1950	Convair activated the *Atlas* ICBM program at San Diego with Project MX-1593 in a contract with the U.S. Air Force.
Jan. 24, 1913	Curtiss delivered the Army's first tractor aeroplane to the Signal Corps Aviation School on North Island.
Jan. 24, 1917	Raoul Lufbery scored his 7th victory. Guynemer downed a Rumpler and an Albatros for his 28 & 29th victories. Richthofen in a new Albatros D.III shot down his 18th victory.
Jan. 24, 1961	First flight of the Convair 990 off Lindbergh Field by Don Germeraad.
Jan. 24, 1961	The worst airplane crash of the year at SanDiego was a Lockheed P2V crashing in the ocean off North Island with five fatalities.
Jan. 25, 1910	Charles Hamilton flew the Curtiss "*Rheims*" racer off the Coronado Country Club polo ground and made a forced landing on North Island.
Jan. 25, 1959	American Airlines started a regular jet passenger service across the U.S. in 4 hours, 3 minutes from Los Angeles to New York City.
Jan. 26, 1911	Glenn Curtiss made the first flight of a hydroaeroplane off Spanish Bight at North Island.
Jan. 26, 1918	An Albatros D.III, suspended below the Zeppelin L.35, was successfully dropped in the air and landed at Juterbog.
Jan. 26, 1921	Letter mailed in Los Angeles delivered by air mail in New York 48-hours later, less than half the time by railroad train.
Jan. 26, 1929	Hawley Bowlus made the first flight of the Bowlus Model 16, 493, off Bonita Heights.
Jan. 26, 1946	Col. Councill set a record between Los Angeles and New York of 580 miles per hour in 4 hours, 13 minutes flying a Lockheed P-80.
Jan. 26, 1949	USS *NORTON SOUND* launched its first missile, a *LOON*.
Jan. 27, 1911	LT. Ellyson took off in a Curtiss pusher at an Air Meet in Coronado, becoming the first Naval Aviator.

PLEASE LEAVE THIS ON THE DESK

Jan. 27, 1928 The Navy dirigible *USS LOS ANGELES*(ZR-3) landed on *USS SARATOGA*(CV-3) then transferred personnel, took on fuel, water and supplies.

Jan. 27, 1939 First flight of the Lockheed XP-38 *Lightning.*

Jan. 27, 1943 The first American bombing of Germany took place when B-17s attacked Wilhelmshaven and Emden.

Jan. 27, 1959 First flight of the Convair 880 off Lindbergh Field by Don Germeraad.

Jan. 27, 1967 Grissom, White, and Chafee died in the flash fire that swept their Command Module while training for the first Apollo flight.

Jan. 28-29, 1911 Glenn Curtiss, Hugh Robinson, and Eugene Ely flew two Curtiss pushers at the Coronado Country Club polo ground for the second San Diego Air Meet.

Jan. 28, 1928 The Navy donated Martin MO-1, A6641, to San Diego High School. Stored outside it was vandalized into junk during the summer.

Jan. 28-29, 1937 Twelve Consolidated PBY-1s flew a non-stop mass flight from San Diego to Honolulu in 21-hours, 43-minutes, a distance of 2553 miles.

Jan. 29, 1911 Harry Harkness made the first night flight in San Diego when he flew his Antoinette from North Island.

Jan. 29, 1913 Army Lt. Goodier made a forced landing in a Curtiss pusher on North Island. He repaired an electrical short then propped the engine by himself. With an open throttle the plane took off by itself then crashed on the island. The other pilots did not appreciate his mistake.

Jan. 29, 1919 Midair collision by Lt. James Doolittle in a Curtiss *Jenny* with a passenger and Lt. George Leggett in a Thomas-Morse *Scout* over Ream Field near Imperial Beach. Leggett died. Doolittle landed safely. We met Doolittle when he visited the museum some years ago.

Jan. 29, 1923 Alexis Manyrol in a Peyret glider made a record flight of eight hours and four minutes at Vauville, France.

Jan. 29, 1930 Anne Morrow Lindbergh qualified for her first class glider pilot license by flying a Bowlus glider off Mt. Soledad for six minutes. Her husband watched.

Jan. 29, 1964 First successful launch and orbit of a fully-fueled two-stage *Saturn* from Cape Kennedy placed 37,700-pounds in orbit.

PLEASE LEAVE THIS ON THE DESK

HISTORY FOR THE WEEK OF JANUARY 16 TO 22

Jan. 16, 1917 Manfred von Richthofen was awarded the *Pour le Merite*. He had 16 victories. Guynemer had 21 and Nungesser had 20.

Jan. 16, 1942 USS YORKTOWN(CV-5) got underway from North Island for war.

Jan. 16, 1951 The Air Force established Project MX-1593 (Project *ATLAS)*, the study phase for an intercontinental missile.

Jan. 17, 1915 Aviators formed the Brotherhood of Fractured Birdmen. They included Lincoln Beachey, Glenn Martin, Lewis Goodier, Hugh Robinson and Harold Geiger.

Jan. 17, 1942 Former museum volunteer Ed Oberbauer flew a new Ryan PT-22 from Lindbergh Field to El Cajon on a test and ferry hop.

Jan. 17, 1943 Boeing B-17s dropped water, ammunition and rations to forward troops near Mount Austen, Guadalcanal.

Jan. 18, 1911 First aeroplane to land on a ship was a Curtiss pusher flown by Eugene Ely aboard the after deck of USS PENNSYLVANIA anchored in San Francisco bay. Then he took off and landed back at Selfridge Field.

Jan. 18, 1918 Ltn. Lowenhardt downed a *Brisfit*, his tenth victory.

Jan. 18, 1944 Navy *Catalinas,* based at Port Lyautey, began barrier patrols of the Strait of Gibraltar with magnetic airborne detection gear closing the strait to enemy U-boats during daylight hours.

Jan. 18, 1949 A Panam Lockheed *Constellation* set a speed record of 10-hours, 2-minutes from New York to London.

Jan. 18, 1957 Three B-52 *Superfortresses* completed the first round-the-world nonstop flight by jet aircraft in 45-hours, 19-minutes.

Jan. 18, 1963 Flight Engineer R. Prine flew an American Flyers Lockheed 149 from Ardmore, Oklahoma to Lindbergh Field. He's a docent these days.

PLEASE LEAVE THIS ON THE DESK

Jan. 19, 1910 Lt. Beck, flying with Louis Paulhan in his Farman at the Los Angeles Flying Meet, dropped three two-pound sandbags, simulating bombs, in an effort to hit a target, the first such experiment by an Army officer.

Jan. 19, 1915 First Zeppelin raid on England: naval airships L.3 and L.4 bombed the Yarmouth and Norwich areas.

Jan. 19, 1918 Henri Fonck downed two German planes over Verdun.

Jan. 19, 1937 Howard Hughes flew from Burbank, California to Newark, New Jersey in 7-hours, 28-minutes, 25-seconds, a new transcontinental record in the Hughes Special with a P&W Twin Wasp Junior engine.

Jan. 19, 1938 Seventeen Consolidated PBY-2s from VP-10 flew non-stop from San Diego to Honolulu in 20-hours, 12-minutes.

Jan. 20, 1914 A Navy aviation unit under LT J.H. Towers began setting up the first U.S. Naval Air Station at Pensacola, Florida.

Jan. 20, 1915 Norman Prince sailed for France and was in the Escadrille Lafayette.

Jan. 20, 1918 Col. William Mitchell set up the Headquarters I Army Corps, Air Service at Neufchateau, France.

Jan. 20, 1922 USS LANGLEY(CV-1) commissioned at Norfolk, Virginia.

Jan. 21, 1911 Lt. Beck made the Army's first radiotelegraphic transmission from an airplane, a Wright, from an altitude of 100-feet to a station at Selfridge Field, Michigan.

Jan. 21, 1930 First flight of the Solar XM-1 by Douglas Kelley from Lindbergh Field.

Jan. 21, 1960 At Wallops Island, a Mercury capsule carried Miss Sam, a monkey, up to an altitude of nine miles in a successful test of an escape system.

Jan. 21, 1963 A Sikorsky H-3 *Sea King* crashed in the ocean 60-miles southwest of Imperial Beach with two fatalities for the worst airplane crash of the year.

Jan. 21, 1976 Simultaneous inaugural flights by supersonic *Concordes* of Air France and British Airways.

Jan. 22, 1909 The Aeronautical Society of New York awarded a contract for $5,000 to Glenn Curtiss; it was the first airplane built for sale by Curtiss.

Jan. 22-25, 1910 The first air meet at San Diego was held at the Coronado Country Club polo ground. Besides many flights over Coronado, Charles Hamilton flew the 1909 Curtiss Rheims racer to Mexico and gave the first ride to a woman in town, Mrs. Sefton. Local man Charles Walsh also got a ride after he failed to take off in his homebuilt monoplane.

Jan. 22, 1918 The First Marine Aeronautic Company arrived at Ponta Delgado, Azores with Curtiss seaplanes and flying boats to protect mid-Atlantic sea lanes.

Jan. 22, 1944 1200 sorties by Allied planes supported ground forces as they hit the Anzio beaches in Italy.

Jan. 22, 1945 After three weeks of action against the Japanese forces in Luzon, Formosa, Okinawa, Hong Kong, the Ryukyus and Pescadores, the aerial score was over 600 enemy aircraft destroyed and 325,000 tons of shipping sunk.

PLEASE LEAVE THIS ON THE DESK

HISTORY FOR THE WEEK OF JANUARY 9 TO 15

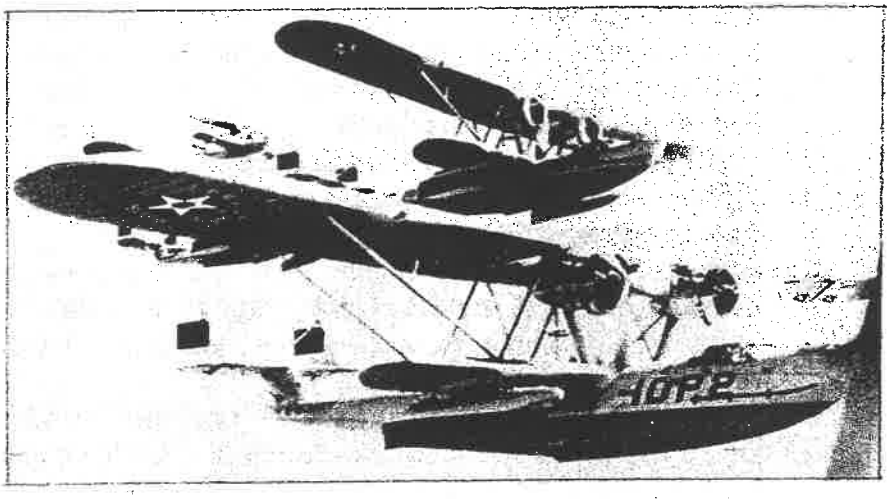
Jan. 9, 1793 Balloon flight by Blanchard from Philadelphia to Woodbury, New Jersey carrying a letter from George Washington.

Jan. 9, 1915 The Panama-California Exposition manager held a 300-mile race in the Roseville area of Point Loma. Race driver Eddie Rickenbacher lost.

Jan. 10-20, 1910 First flying meet held at Los Angeles. Louis Paulhan star performer.

Jan. 10, 1917 On a flight from North Island to Arizona Army pilot Lt. Robertson with Col. Bishop got lost and force-landed their Curtiss N-8 in Mexico. They were found eight days later, weak but alive.

Jan. 10-11, 1934 Six Consolidated P2Y-1 flying boats of VP-10F flew non-stop from San Francisco to Pearl Harbor, 2399 miles in 24 hours, 56 minutes.



Jan. 10, 1956 First U.S.-built liquid rocket engine with thrust in excess of 400,000 pounds fired at Santa Susana, California.

Jan. 11, 1916 American altitude record of 12,362-feet for seaplanes with one passenger set by pilot Floyd Smith with Donald Douglas in a Martin seaplane after takeoff from San Diego bay. In 1902 Smith delivered papers for the San Diego Union.

Jan. 11, 1916 Boelcke and Immelmann shot down their eighth victories on the Western Front. Both received the Pour le Merite several days later.

Jan. 11, 1917 Manfred von Richthofen took command of Jasta 11 on the Western Front.

Jan. 11-12, 1935 Amelia Earhart made the first solo flight from Wheeler Field, Honolulu to Oakland, California in a Lockheed VEGA in 18 hours, 16 minutes.

Jan. 11, 1947 First flight of the McDonnell XF2H-1 BANSHEE.

Jan. 11, 1951 The last passenger train from San Diego to El Centro ran with 169 passengers. No passenger had ever been lost in a train accident.

Jan. 12, 1930 The Goodyear blimp VOLUNTEER gave free rides until sunset from Lindbergh Field.

Jan. 12, 1948 Northrop Aircraft Company announced that rocket-powered vehicles at Muroc Air Base attained a speed of 1,019 mph.

PLEASE LEAVE THIS ON THE DESK

Jan. 12, 1953 The Navy began test operations on its first angled-deck aircraft carrier, USS ANTIETAM(CV-36).

Jan. 12, 1961 Maj. Deutschendorf established a world speed record of 1061 mph in a Convair B-58.

Jan. 12, 1973 VF-161 shot down the last MiG in the Vietnam War, for a total 56 MiGs shot down by USMC/USN aviators.

Jan. 12, 1984 Jim Dalby flew the Curtiss A-1 TRIAD reproduction from San Diego bay. The hydroaeroplane hangs in the museum rotunda.

Jan. 13, 1913 Air parcel post began with a cargo of baked beans from Boston to New York City in a Wright B.

Jan. 13, 1929 John Fornasero glided in for a landing at Dutch Flats, misjudged the high tension wires, banked his Waco into a telephone pole on the Marine Corps base, tore off the right wings and part of the landing gear. He was not hurt.

Jan. 13, 1930 Hawley Bowlus set an American glider record of 6 hours, 19 minutes off Point Loma in a Bowlus sailplane.

Jan. 13, 1942 First flight of the Sikorsky XR-4 helicopter.

Jan. 13, 1949 William Odom set a world distance record for light planes of 2400-miles from Honolulu to Oakland in a Beechcraft Bonanza.

Jan. 14, 1916 After San Diego hired Rainmaker Hatfield it rained for three days. All the rivers overflowed washing out bridges, delaying trains, drowning livestock, downing wires, and washing away John J. Montgomery's ranch at Main and Interstate 5 in Chula Vista.

Jan. 14, 1918 LT. Raymond Collishaw in a Sopwith Camel shot down his 40th victory.

Jan. 14, 1926 Of 25 airplane accidents in San Diego in 1926 the worst was when LT. Fred Kahn and Seaman Law stunted a Vought UO biplane from USS COLORADO over the bay for 15 minutes. Then the wings collapsed. Both aviators were killed.

Jan. 14, 1930 During gunnery practice from USS SARATOGA(CV-3) Boeing F3B pilots from VF-6B fired bullets that hit La Jolla homes and businesses.

Jan. 14, 1945 Kagi airfield on Formosa bombed by 54 Boeing B-29s based in China.

Jan. 15, 1911 Army Lt. Crissy dropped a live bomb on a target from a Wright aeroplane in San Francisco. Crissy Field, San Francisco was named for him after he was killed in a crash in 1919.

Jan. 15, 1912 The Naval Aviation Detachment established "Camp Trouble" on North Island with officers Ellyson, Towers, Richardson, Rodgers and Herbster, plus the Curtiss A-1 and A-2, and the Wright B-1. They stayed until May.

Jan. 15, 1915 Army Lt. B.Q. Jones set a one-man duration record of 8-hours, 53-minutes in a Martin TT, No. 37 tractor biplane flying from North Island.

Jan. 15, 1921 Eleven Curtiss F-5L seaplanes completed a 3200-mile flight from San Diego to the Canal Zone with nine stops in 17 days commanded by Captain Mustin. Two NC-boats lost on the trip.

Jan. 15, 1950 General Henry H. "Hap" Arnold died of a heart ailment at Sonoma, California at age 64.

PLEASE LEAVE THIS ON THE DESK

HISTORY FOR THE WEEK OF JANUARY 2 TO 8

Jan. 2, 1911 Aviation deaths in the three years since 1908 were 36. It was a very high number considering how many aviators there were. In Germany aviators were asked to not fly over royal residences.

Jan. 2, 1939 End of a three day glider competition at the dedication of Torrey Pines Soaring Field. John Robinson dropped 300 special cachet letters.

Jan. 2, 1948 Two Lockheed P-80s attained 778-mph in Japan with tail winds.

Jan. 2, 1954 Col. Millikan set a new coast-to-coast record of 4 hours, 8 minutes flying an F-86F from Los Angeles to New York City.

Jan. 3, 1898 Tubal Claude Ryan was born. Died September 11, 1982

Jan. 3, 1909 Wilbur Wright flew passengers at Le Mans, France.

Jan. 3, 1911 Glenn Curtiss and Navy LT.Theodore Ellyson visited San Diego for the first time and examined North Island. It was large enough for the Curtiss School of Aviation for landplane students. Spanish Bight provided a place to experiment with his latest hydroaeroplane ideas.

Jan. 3, 1924 Torpedo Squadron 20 left San Diego for the Philippines aboard USS VEGA as the first air unit of Aircraft Squadrons, Asiatic Fleet flying Douglas DT-2's with 400 hp Liberty engines.

Jan. 3, 1931 Doug Kelley took up Ted Gildred from Lindbergh Field for 30-minutes air work in a Travel Air and completed four landings. (Kelley's log book.)

Jan. 3, 1957 The Navy retired its last PBY-6A *CATALINA.*

Jan. 3, 1969 Light Attack Squadron Four was commissioned at NAS North Island flying the OV-10A *BRONCO.* It operated in the Mekong Delta, SVN.

Jan. 4, 1895 Leroy R. Grumman was born.

Jan. 4, 1915 The Jannus Flying Service began at the foot of Market Street using two flying boats built in San Diego. It was $30 to Pacific Beach and back.

Jan. 4, 1917 The Red Baron shot down his 16th victory, a Sopwith *Pup.*

Jan. 4-9, 1931 Bobbie Trout and Edna Cooper set a women's refueling duration record of 123 hours over Los Angeles in a Curtiss *ROBIN.*

Jan. 4, 1951 Miss Caro Bayley flew a Piper Super Cub to 30,203-feet over Miami, an international altitude record for light planes.

Jan. 5, 1915 Army Lts. Carberry and Christie set an altitude record over San Diego of 11,690 feet in a Curtiss N, S.C. No.35.

Jan. 5, 1917 Swede Meyerhoffer had an 18-month old seaplane ferry business at the foot of Market Street promising "jitney" rides to points around the bay.

Jan. 5, 1928 LT. Pride made the first takeoff and landing on USS LEXINGTON(CV-2) in a Vought UO-1 at Boston, Massachusetts.

Jan. 5, 1982 The new Globe Theatre opened in Balboa Park.

Jan. 6, 1913 Naval aviation arrived at Guantanamo Bay, Cuba and set up an Aviation Camp on Fishermen's Point. More than one hundred men got airplane rides during the eight-week stay.

Jan. 6, 1920 LT Compo forcelanded his F-5L off Oceanside and was rescued at 10 p.m.

PLEASE LEAVE THIS ON THE DESK

Jan. 6, 1930 H. Bowlus set a gliding record of 5 hours, 27 minutes over Point Loma.

Jan. 6. 1945 At Omura, China 45 B-29s from Chengtu bombed the aircraft plant.

Jan. 6, 1971 The USMC/USN accepted the AV-8 *HARRIER*, the first V/STOL fixed wing ever accepted as a combat plane by the U.S. armed forces.

Jan. 7, 1785 First crossing of the English Channel by Blanchard in a hydrogen balloon.

Jan. 7, 1906 New York Times news item on a machine invented by O. and W. Wright that flew without aid of balloon or gas bag. They worked on it for years.

Jan. 7, 1913 The 25-degree temperature froze water in the Horton Plaza fountain and damaged citrus crops around San Diego.

Jan. 7, 1918 Escadrille Lafayette ace Raoul Lufbery was commissioned a Major in the AEF and assigned to the 95th Aero Squadron(still non-existent).

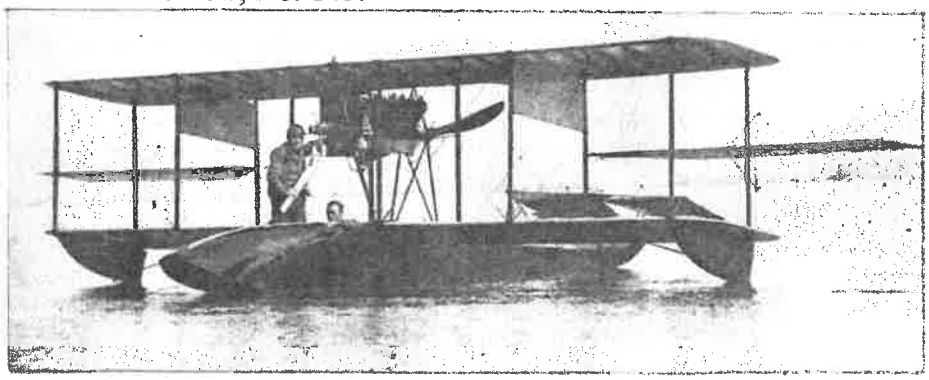
Jan. 7, 1929 The Fokker C-2 *QUESTION MARK* completed a 150-hour, 40-minute world endurance record for refueled airplane flight led by Maj. Spaatz.

Jan. 7, 1949 Flown by Capt. Charles Yeager the X-1 climbed 23,000 feet from takeoff at 13,000-feet per minute compared to jet planes at 8-10,000 feet per minute over Muroc.

Jan. 7, 1965 First flight of the Waterman CTP-9 *Early Bird* by Waldo Waterman. The airplane burned in the 1978 museum fire.

Jan. 8, 1913 After Army Lt. Lewis Brereton made a forced landing with a dead engine on his Curtiss pusher on North Island, he cranked the propeller by himself. With an open throttle the pusher taxied itself across the island over a 20-foot cliff and into San Diego bay.

Jan. 8, 1914 Flying a Curtiss F-Boat between Glorietta Bay and the Marine Shipway on Spanish Bight from 10 a.m. to 4 p.m. Francis "Doc" Wildman sold twenty rides. Wildman died on 8-13-56 in San Diego at age 73. See OUT OF THE OVERCAST, No. 145.



Lt. R.B. Sutton (standing) and Francis "Doc" Wildman in No. 34 in the fall of 1914. Wildman was hired by the Signal Corps as a civilian instructor on 5 Oct 14 after having flown for several years for the Curtiss company.

Jan. 8, 1915 Auto race driver Eddie Rickenbacher arrived at San Diego to race his Peugeot the next day along Rosecrans at Roseville. When he went to war he changed his name to Rickenbacker. Barney Oldfield was another of the drivers.

PLEASE LEAVE THIS ON THE DESK

HISTORY FOR THE WEEK OF DECEMBER 26 TO JANUARY 1

Dec. 26, 1913 Lieutenants Carberry and Taliaferro took off in Curtiss tractor, No. 22, from North Island and reached 7800-feet, an Army altitude record.

Dec. 26, 1921 A San Diego Union news item on the Wright brothers stated they were considered mentally unstable in 1903 along with the inventors of perpetual motion machines.

Dec. 26, 1929 The first glider camp in the US opened at Mt. Palomar until January 2. Hawley Bowlus was the instructor.

Dec. 26, 1956 First flight of the Convair F-106 at Edwards AFB; pilot Richard Johnson

Dec. 27, 1922 T.C. Ryan posted a business sign at the foot of Broadway in San Diego. "RYAN FLYING COMPANY" with an arrow pointing to his airfield at the foot of C Street. He flew two surplus Curtiss Jenny's.

Dec. 27, 1927 LT H.R. Regan arrived at North Island delivering the first new Boeing F2B from Seattle.

Dec. 27, 1968 Apollo 8 splashed down in the Pacific with Borman, Lovell and Anders.

Dec. 28, 1914 The Burgess-Dunne flying wing biplane flew from North Island and was accepted by the Army as No.36 two days later. It was never successful.

S.C. No. 36 taking off at San Diego. The pilot is probably Clifford L. Webster, Burgess company test pilot.

Dec. 28, 1927 An airliner flew the largest piece of air mail yet from San Diego to New York. It weighed twenty-two pounds and cost $66.80 to mail.

Dec. 28, 1935 Arnold Peik flew his OX-5 American Eagle from Peik Airport beside Mission Bay at Anna Street with a student for 15-minutes instruction.

Dec. 29, 1916 Orvar Meyerhoffer provided aerial taxi service in his flying boat from the foot of Market Street to National City, La Playa, and Fort Rosecrans.

Dec. 29, 1917 Over North Island Army flying cadet F.C. Beach had a mid-air collision in his Curtiss JN-4A without injuries to either pilot.

Dec. 29, 1918 LT James Krull landed his Curtiss JN-4D at North Island after a flight from Sacramento. Krull was a member of the old Aero-Space Museum.

Dec. 29, 1939 First flight of the Consolidated XB-24 from Lindbergh Field, pilot William Wheatley.

PLEASE LEAVE THIS ON THE DESK

Dec. 29, 1939 First flight of the Consolidated XB-24 from Lindbergh Field, pilot William Wheatley.

Dec. 30, 1920 Twelve Curtiss F-5Ls and two NC-boats left North Island for the Canal Zone. Only eleven F-5Ls made it back on March 10, 1921.

Dec. 30, 1928 The Fokker trimotor QUESTION MARK took off Rockwell Field on North Island to start the endurance flight two days later.

Dec. 30, 1930 Goddard launched the first of his rockets from New Mexico reaching an altitude of 2000-feet and 500-miles per hour.

Dec. 31, 1908 Wilbur Wright won the Michelin Trophy for flying 124.7 kilometers in 2 hours, 20 minutes, 23.2 seconds at Le Mans, France, a world duration-distance record.

Dec. 31, 1917 McCudden downed 2 Rumplers and an LVG raising his score to 35.

Dec. 31, 1919 A Curtiss F-5L flying boat left San Diego and completed a round trip flight to San Pedro with Navy mail flown by Crinkley and Irvine.

Dec. 31, 1926 The US began licensing pilots and airplanes after they passed tests or inspection. Airplanes got N for Newnited States, C for commercial, S for state- owned, or X for special purpose, then a number up to 9999.

Dec. 31, 1931 Twenty-two aerial beacons were turned on between San Diego and Phoenix lighting the airway to the east for the first time.

Dec. 31, 1934 Helen Richey was the first woman airmail transport pilot on a regular schedule with a 12-passenger Ford tri-motor.

Dec. 31, 1936 Dr. von Karman founded the group which became the Jet Propulsion Laboratory experimenting in the design of high altitude rockets.

Dec. 31, 1938 First flight Boeing 307 Stratoliner, first airliner with a pressurized cabin.

Dec. 31, 1968 First flight of the Tupolev TU-144 supersonic airliner.

December 1910 Fred Young, Rufus and Russell Granfell, 6th, 7th, and 8th graders, built a tandem wing glider at 655 Ninth Street, San Diego and flew it.

Jan. 1, 1914 First scheduled airline in US began between St. Petersburg and Tampa flying a Benoist. It lasted three months.

Jan. 1, 1917 The Lafayette Escadrille switched from Nieuport 17s to Spad VIIs.

Jan. 1, 1922 Underwriters Laboratories started the registration of pilots and airplanes for the benefit of insurance companies. Ex: N-ABCC for Avro 504K

Jan. 1, 1923 E.E. Bennett owned the San Diego Airport between Tide Street(later Barnett Avenue) and Midway flying a Curtiss JN-4D and a Spad VII.

Jan. 1, 1927 Red Harrigan flew the Douglas Cloudster to Tijuana delivering beer.

January 1928 Western Flying magazine had an ad that month. FOR SALE: Jenny OX-5 job, all upper wings, flies extremely well. $600. For a demonstration see Sherman W. Graves, 2342 Irving Avenue, San Diego, California.

Jan. 1, 1929 Fokker C-2A QUESTION MARK began a 150-hour, 40-minute endurance flight with aerial refueling between San Diego and Los Angeles commanded by Major Carl Spaatz.

Jan. 1, 1930 Ruth Alexander performed an exhibition flight in a Great Lakes trainer from Ryan Airport. The matinee at the Broadway Theatre was FLYING FOOLS with William Boyd. 15 cents.

PLEASE LEAVE THIS ON THE DESK

HISTORY FOR THE WEEK OF DECEMBER 19 TO 25

Dec. 19, 1909 Baroness de la Roche flying a Voisin at Chalons, France succeeded in being the 1st woman to make unaided flight.

Dec. 19, 1912 Lincoln Beachey got his Curtiss Speed Scout tractor biplane up to 70-mph over North Island, the fastest speed in the US for a biplane. His boss, Glenn Curtiss, would not let him loop it and took it away.

Dec. 19, 1913 Spanish aviators dropped bombs and routed Moorish tribesmen at Muley Absulem.

Dec. 19, 1914 The Marine Corps 2nd Battalion moved from North Island to the Palisades area, Balboa Park, established a Marine barracks in tents, then provided security for the Panama-California Exposition. The tents were exactly where the Ford Building, now the museum, was erected in 1935..

Dec. 19, 1928 First autogiro flight in US was made by Harold Pitcairn in Pennsylvania.

Dec. 19, 1934 Student Sanford O. Baldwin, Jr., crashed the one and only Ryan S-T, NC14223, on the mudflats near the Marine Base. He was killed.

Dec. 19, 1965 Unmanned test of a Mercury space capsule from Cape Canaveral. Speed of 4,200 mph; distance 235 miles; landed safely by parachute and recovered in 32 minutes.

Dec. 19, 1972 USS TICONDEROGA helicopters recovered Apollo 17's crew, Cernan, Evans and Schmidt, after splashdown, the last NASA Apollo mission.

***** ***** ***** ***** ***** ***** ***** ***** ***** ****

Dec. 20, 1911 A strong wind tore open the nose of the Toliver dirigible in the canyon at 31st and B Street in San Diego releasing all the hydrogen.

Dec. 20, 1913 Lincoln Beachey looped the loop four times with an upright motor.

Dec. 20, 1916 Richthofen downed a D.H.2 and an F.E.2b, his 14th and 15th victories.

Dec. 20, 1939 The Navy ordered 200 Consolidated PBY-5 *Catalinas.* No wheels, yet.

Dec. 20, 1943 Two *Catalinas* of VP-43 at Attu flew the first Navy recco and bombing missions over the Kuriles.

Dec. 20, 1973 LT Jane McWilliams and LT Victoria Voge became the first women naval flight surgeons.

***** ***** ***** ***** ***** ***** ***** ***** ***** ****

Dec. 21, 1914 Army Lt. F.J. Gerstner drowned in the ocean off Encinitas after the crash of Curtiss J, No. 29, on a flight from North Island to Los Angeles.

Dec. 21, 1915 The German Dornier Rs.I, largest airplane in the world with a 142-foot wingspan, got caught in a windstorm and crashed on the rocks at Lake Constance.

Dec. 21, 1926 The Air Corps started the Pan American Flight with five Loening AO-1A amphibians led by Major Darque.

Dec. 21, 1934 First flight of the Stearman NS-1 trainer at NAS Anacostia. The museum displays a Stearman N2S-3.

PLEASE LEAVE THIS ON THE DESK

Dec. 21, 1970 First flight of the Grumman F-14A *Tomcat* by Bob Smyth and Bill Miller at Grumman's Calverton, Long Island plant.

Dec. 21, 1976 First flight of the Ryson ST-100 *Cloudster* by Ray Cote from Ramona Airport.

***** ***** ***** ***** ***** ***** ***** ***** ***** ****

Dec. 22, 1892 Birth of Lawrence B. Sperry, flyer and inventor.

Dec. 22, 1929 First flight of the Bowlus Model A sailplane from Lindbergh Field by Hawley Bowlus.

Dec. 22, 1942 First full-scale air assault in Central Pacific by 26 Consolidated B-24 *Liberators.*

Dec. 22, 1960 A Vought F-8 *Crusader* crashed into a hangar at NAS Miramar causing eleven fatalities.

***** ***** ***** ***** ***** ***** ***** ***** ***** ****

Dec. 23, 1907 Army Chief Signal Officer called for bids on heavier-than-air "flying machine."

Dec. 23, 1908 German gunsmith invented an expanding bullet for use against dirigibles and balloons.

Dec. 23, 1910 LT T.G. Ellyson got orders to report to the Glenn Curtiss Camp at North Island, San Diego for flight training.

Dec. 23, 1917 McCudden downs four aircraft in one fight, two Rumplers and two LVGs, to raise his score to 32..

Dec. 23, 1937 First flight of the Grumman XF4F-1 *Wildcat.*

***** ***** ***** ***** ***** ***** ***** ***** ***** ****

Dec. 24, 1905 Birth of Howard Hughes, a flyer among other things.

Dec. 24, 1911 The Navy ordered Lieutenants Ellyson, Rodgers and Towers to set up a camp on North Island with the Curtiss A-1, A-2 and Wright B-1.

Dec. 24, 1914 Marine Col. J.H. Pendleton established headquarters in Balboa Park. He was buried at Fort Rosecrans National Cemetery on February 4, 1942.

Dec. 24, 1914 The first enemy bomb landed on England when German airplanes bombed Dover.

Dec. 24, 1943 German V-weapon sites in Pas de Calais were bombed by 670 B-17 and B-24 bombers from England. Merry Christmas.

Dec. 24, 1979 The Russians airlifted 5000 troops with equipment into Kabul, Afghanistan.

Dec. 25 Santa Claus, flew a miniature sleigh pulled by eight tiny Rangifer terandus with good polarity around the world in one night. The sleigh was covered with ashes and soot. It was sanquine and on the skids.

Dec. 25, 1909 Los Angeles to hold air meet in January; $80,000 worth of prizes for aeroplane, dirigible and balloon events; 58 entries to date.

Dec. 25, 1915 Manfred von Richthofen passed his pilot's tests.

Dec. 25, 1923 Maj. T.C. Macaulay flew a Curtiss JN-6 up to the Camp Kearny veteran hospital and unloaded three hundred presents on the old parade ground. Volunteers delivered them to the patients in the various wards.

PLEASE LEAVE THIS ON THE DESK

HISTORY FOR THE WEEK OF DECEMBER 12 TO 18

Dec. 12, 1913 Oscar Brindley became the Army's first civilian flight instructor at North Island.

Dec. 12, 1918 The Navy blimp C-1 carried a Curtiss Jenny up to 2500-feet over Fort Tilden, New York and released it to free flight back to the base.

Dec. 12, 1927 Skeezix flew a monoplane, cut phone wires then landed in the snow in The San Diego Union.

Dec. 12, 1953 Air Force Major Yeager attained 1,650-mph in the Bell X-1A after launching from a B-36 above Edwards AFB.

****

Dec. 13, 1911 J.W. McClaskey did five figure 8's in a Curtiss pusher from North Island and passed his license test for the Aero Club of America.

Dec. 13, 1926 First dive bombing exercises by the Navy and Marine pilots at sea near San Diego flying Curtiss F6C, Boeing FB-5, plus scout planes.

Dec. 13, 1928 The San Diego Historical Society was founded by Julius Wangenheim, George Marston and Leroy Wright.

Dec. 13, 1927 Charles Lindbergh flew the *SPIRIT OF ST LOUIS* from Washington, D.C. to Mexico City in 27 hours, 15 minutes. Kept on course by a sign on a hotel wall at Toluca.

****

Dec. 14, 1927 USS LEXINGTON(CV-2) was commissioned at Quincy, Mass.

Dec. 14, 1928 VB-2B with 16 Boeing F2B-1s aboard USS SARATOGA(CV-3) got radio telephones for service tests.

Dec. 14, 1962 The USAF *STARGAZER* balloon reached 82,000-feet over New Mexico, manned by Captain Kittinger and astronomer White with his telescope.

****

Dec.15, 1912 Anthony Jannus flew a Benoist seaplane from Omaha to New Orleans and stops in between with mail, merchandise and passengers for the ninth and last day.

Dec. 15, 1914 Army Lieutenants Darque and Mauborgne demonstrated two-way plane-ground radio at Manila, P.I.

Dec. 15, 1928 William Van Dusen made a forced landing in a Travel Air at Lindbergh Field, hit a truck and turned upside down.

Dec. 15, 1971 Marine VMA-224 arrived on Yankee Station aboard USS CORAL SEA then flew combat missions over North Viet Nam.

****

Dec. 16, 1921 The USS WRIGHT, seaplane tender and balloon carrier, was commissioned the AZ-1. Later it became AV-1, then AG-1 in 1944.

Dec. 16, 1915 The first woman in San Diego killed in an aerial accident was 75-year old Lucy Comstock on her first joyride in an seaplane around the bay.

PLEASE LEAVE THIS ON THE DESK

Dec. 16, 1932 When landing at North Island Capt. Gresham found the landing gear jammed up in his Fokker YO-27 and ditched in San Diego bay.

Dec. 16, 1963 A 14-man Army –Air Force parachute team mass-jumped at 41,000 feet from a C-130 above El Centro then opened their chutes at 2500 feet.

Dec. 16, 1965 Walter Schirra and Tom Stafford completed a one day flight in Gemini 6A after splashdown and pickup by USS WASP.

Dec. 16, 1972 Charles Lindbergh visited the San Diego Aero-Space Museum. The word "aerospace" was not yet in general use although the dictionary says "ca. 1958."

Dec. 16, 1955 Former docent Art Steck made the initial 2:25-hour shakedown flight of Convair 440, N1000, from Lindbergh Field.

****

Dec. 17, 1903 First controlled flights of a manned and powered flying machine by Orville and Wilbur Wright near Kitty Hawk, North Carolina.

Dec. 17, 1915 First woman to loop a plane was Ruth Law over Seabreeze, FL.

Dec. 17, 1917 A successful takeoff was made from a rotating platform on the forecastle of the cruiser HMAS SIDNEY.

Dec. 17, 1924 Colonel Billy Mitchell was found guilty of violating the 96th Article of War then sentenced to five years suspension of rank, pay, and command. He resigned. He had wanted unrestricted use of air power.

Dec. 17, 1935 Former museum volunteer Ed Morrow flew Great Lakes 2-T, NC11318, from Lindbergh Field on a fire patrol over Kearny Mesa.

Dec. 17, 1937 First flight of the Consolidated XPB2Y-1, BuNo 0453, by William Wheatley. The museum library exhibits a piece of her fabric.

Dec. 17, 1941 A PBY led 17 SB2U *VINDICATORS* from Oahu to Midway in 9 hours, 45 minutes, longest mass flight of single engine planes on record.

Dec. 17, 1944 Army Major Richard Bong shot down his 40th enemy plane in the Pacific war.

Dec. 17, 1945 The Coast Guard flew a PBM *MARINER* from San Diego to rescue a seaman from a ship off Baja California.

Dec. 17, 1957 First successful USAF firing of an Atlas ICBM hit the target area 500 miles away.

****

Dec. 18, 1917 London was raided by 13 Gothas and a Staaken R.12. One bomb hit the Buckingham Palace Gardens. Four Gothas were destroyed.

Dec. 18, 1929 Howard Cowhick passed his pilot license tests in Travel Air, NC6401, at Chula Vista Airport .

Dec. 18, 1931 Army Lt. Cocke set a glider duration record of 21 hours, 34 minutes at Honolulu in a Van Bezel sailplane built at San Diego.

Dec. 18, 1941 Army Lt. Buzz Wagner became the first American ace in WW II by shooting down his fifth Japanese plane over the Philippines.

Dec. 18, 1943 The Coast Guard began helicopter pilot training at Floyd Bennett Field.

Dec. 18, 1965 HS-11 helicopters recovered Borman and Lovell from the Atlantic after their 14-day flight in Gemini 7 then delivered them to USS WASP.

PLEASE LEAVE THIS ON THE DESK

HISTORY FOR THE WEEK OF DECEMBER 5 TO 11

December 5, 1901 RADM Melville, USN, wrote about aviation, "A calm survey leads the engineer to pronounce all confident prophecies at this time for future success as wholly unwarranted, if not absurd."

December 5, 1907 Wilbur Wright offered the Army an aeroplane carrying two people for $25,000.

December 1935 Consolidated Aircraft Corporation hired more than 2000 employees to work at the new factory on Lindbergh Field.

December 6, 1907 Seven-minute towed flight by motor boat tug of Dr. Alexander Graham Bell's kite flown by Lt. T.E. Selfridge at Bras d'Or Lake, Nova Scotia.

December 6, 1915 Glenn Martin test flew his new Martin TT trainer over North Island.

December 6, 1916 In France Escadrille Volontaires changed its name to Escadrille Lafayette. That is the name we remember.

December 6, 1917 Sixteen Gotha bombers raided London. Three were lost to AA fire, and three more crashlanded in Belgium.

December 6, 1959 CDR Flint set an unofficial world altitude record of 98,560 feet over Edwards AFB flying a McDonnell Douglas F4H *PHANTOM II.*

December 7, 1927 Charles Lindbergh flew the *SPIRIT OF ST. LOUIS* from Teterboro, New Jersey to Washington, D.C. in 3 hours, 15 minutes.

December 7, 1941 Japanese aircraft attacked Pearl Harbor, and other sites on Oahu. San Diego civilian pilot Robert Tyce was killed by a Japanese bullet.

December 7, 1942 First flight of Bell XP-63 *KINGCOBRA.*

December 7, 1944 USS CHOURRE was commissioned, the first aviation repair ship. LCDR Emile Chourre, NA1591, flew at San Diego, killed in 1938.

December 7, 1955 First flight of Ryan X-13 *VERTIJET* by Pete Girard at Edwards AFB. Rolls Royce engine. Two built. Museum has the first one.

December 7, 1972 Last Apollo 17 mission, sixth lunar landing, with Cernan, Evans, and Schmitt for 301-plus hours. They gathered 225-pounds of material.

December 8, 1903 Second and last trial of the Langley aeroplane. C.M. Manly wrecked it when launching from a houseboat on the Potomac River.

December 8, 1913 Lawrence Sperry demonstrated his gyroscopic stabilizer to the Aero Club of America.

December 8, 1922 Enroute from North Island to Tucson Army LT Webber and Colonel Marshall crashed their DH-4 among the trees on the Cuyamaca Mountain. Their bodies were found by accident in May 1923. The Liberty engine is still there.

PLEASE LEAVE THIS ON THE DESK

December 8, 1938 Museum volunteer Ed Oberbauer flew air work in Ryan SC, NC18916, from Lindbergh Field.
December 8, 1941 95th Pursuit Squadron Lockheed P-38s from Selfridge Field arrived at lunch time. I watched them fly over Point Loma High School.
December 8, 1945 First flight of the Bell 47 helicopter. It became the famous *HUEY*.
December 8, 1946 First rocket-powered, manned flight of the Bell XS-1 at about 550-mph over Muroc, California.

December 9, 1890 Coronado became a city.
December 9, 1922 The Museum of Natural History opened in the Casa de Balboa, later called the Electric Building, which finally housed the San Diego Aero-Space Museum that burned in 1978.
December 9, 1926 Mutt and Jeff stunted a monoplane in The San Diego Union.
December 9, 1946 Bell test pilot Chalmers Goodwin reached 550-mph in the XS-1.
December 9, 1995 Douglas "Wrong Way" Corrigan died at Orange, California. He had once tried to get his Curtiss *ROBIN* displayed in the museum.

December 10, 1915 A four-engine Sikorsky bomber squadron was organized in Russia.
December 10, 1924 A Curtiss H-16 on machine gun practice crashed into the ocean off Coronado. There were five fatalities besides the pilot, LT Varini.
December 10, 1927 Charles Lindbergh was awarded the Congressional Medal of Honor.
December 10, 1929 Hawley Bowlus set an American gliding record of two hours, 47 minutes over Point Loma in his Bowlus sailplane.
December 10, 1938 First flight of the Lockheed Hudson I.
December 10, 1940 The statue of Cabrillo was dedicated on Harbor Island.
December 10, 1941 The Naval Hospital took over Balboa Park then named it Camp Kidd in honor of Admiral Kidd killed at Pearl Harbor.
December 10, 1941 Aircraft from carrier *ENTERPRISE* sank a Japanese submarine north of the Hawaiian Islands; the first Japanese combat ship sunk by U.S. forces in World War II. What of the midget subs at Pearl Harbor??
December 10, 1954 Air Force LCOL John P. Stapp attained a speed of 632 mph in a rocket-propelled sled run at Edwards AFB.
December 10, 1958 National Airlines began the first jet domestic passenger service in the U.S. with a flight between New York and Miami.

December 11, 1845 John Forster obtained title to Rancho de la Nacion, the area of present day Chula Vista and National City, from the Mexican governor of Alta California.
December 11, 1911 Walter Brookins said that air travel would not be safe until pilots could regulate their speed in flight.
December 11, 1916 The Red Baron downed his 12th victim, a D.H.2 of No. 32 Squadron.
December 11, 1938 Tailspin Tommy practiced aerial refueling before his transpacific flight in a Bellanca *PACEMAKER*, NC750.

PLEASE LEAVE THIS ON THE DESK

HISTORY FOR THE WEEK OF NOVEMBER 28 TO DECEMBER 4

November 28, 1915 Charles Nungesser shot down his first, a German two-seater.

November ~~28~~ 29, 1924 USS LANGLEY(CV-1) arrived at San Diego, her new homeport. The San Diego Union headline: DEADLIEST SHIP AFLOAT.

November 28, 1928 Air Corps Lt. Strickland flew a Boeing PW-9 from Rockwell Field, North Island to El Centro to help dedicate a new airport.

November 28-29, 1929 First flight over the South Pole in a Ford tri-motor named *FLOYD BENNETT* by CDR R.E. Byrd, pilot Bernt Balchen, copilot Harold June and Captain A.C. McKinley, USA, photographer. Took off from Little America on the 19-hour flight.

November 28, 1942 Nine Consolidated B-24s of the 7th Bombardment Group flew a 2,760-mile round trip from Gaya, India to Bangkok, in the first USAAF bombing attack on Japanese-held Thailand.

November 29, 1913 First known aerial combat. Exact date unknown but late November to early December. Phil Rader and Dean Lamb over Naco, Mexico shooting pistols at each other.

November 29, 1921 Jimmy Hennessey tried to take off from his airfield at the foot of C Street, San Diego in his Curtiss JN. Instead, he landed in the bay.

November 29, 1943 First American raid made on Sarajevo, Yugoslavia by 25 North American B-25s hitting military installations and rail facilities.

November 30, 1898 The German bark *THALASSA* entered port carrying cement for San Diego and sailors for the Stingaree and Redlight District. They were 155 days out of Hamburg.

November 30, 1907 The first airplane company in the U.S, was formed – the Curtiss Motor Vehicle Company.

November 30, 1912 First flight of the Curtiss C-1, the Navy's first flying boat by LT T.G. Ellyson at Hammondsport, New York.

November 30, 1931 J.R. Wedell landed his Wedell-Williams racer at Lindbergh Field.

November 30, 1936 2 DIE IN PLANE DIVE OFF LA JOLLA was the headline in The San Diego Union the next day about two aviators off the LEXINGTON.

November 30, 1943 First operational flight of the 70-ton Martin *MARS* from Patuxent River to Natal, Brazil, a nonstop flight of 4,375 miles in 28 hours, 25 minutes with 13,000 pounds.

November 30, 1959 A Lockheed L-188C *ELECTRA,* N172PS, was delivered from Burbank to Pacific Southwest Airlines at Lindbergh Field.

PLEASE LEAVE THIS ON THE DESK

December 1, 1921 First practical test of helium was in the Navy Goodyear C-7 dirigible. It flew from Hampton Roads, Virginia to Washington, D.C. and returned. Helium was a substitute for hydrogen.

December 1, 1921 The Marine Brigade Post was commissioned on Tide Street. The street was renamed Barnett Avenue for the Commandant of the Marine Corps.

December 1, 1935 Mass flight of 29 bombardment planes from Hamilton Field, California to Vero Beach, Florida in 21 hours, 50 minutes.

December 1, 1941 An Executive Order established the Civil Air Patrol.

December 2, 1917 Raoul Lufbery shot down his 16th German plane.

December 2, 1920 Canadians announced bootleggers smuggling liquor across the US border with airplanes.

December 2, 1925 Two Vought VE-7 biplanes collided in mid-air over San Diego bay. Captain Shepherd and Lt. Christian both died. First Marine Corps airplane fatalities in seven years.

December 2, 1928 E.I Shoudy got an auto-launch off Bonita Heights in his homebuilt glider but was killed when the wings broke a moment later. He was the first glider pilot killed at San Diego.

December 2, 1941 – January 6, 1942 The first round-the-world flight by a commercial airplane was made by the Boeing A-314 *PACIFIC CLIPPER,* NC18609, from San Francisco to New York City covering 31,500 miles, and 209 hours, 30 minutes flight time.

December 3, 1914 Navy LT Saufley reached 11,975 feet over Pensacola, Florida in a Curtiss AH-14, an American altitude record for hydroaeroplanes.

December 3, 1918 Camp Kearny was designated an Army demobilization center.

December 3, 1923 A Vought VE-7 and a Curtiss JN-4 collided over Spanish Bight killing LT Byers, ACMM Jackson, and ACMM Entwhistle.

December 3, 1929 Hawley Bowlus set a U.S. gliding record off Point Loma of 1 hour, 26 minutes in a Bowlus sailplane. Germans held the world records.

December 4, 1910 The first major warship entered San Diego bay, USS CALIFORNIA, an armored cruiser of 13,800 tons. Four years later she was renamed USS SAN DIEGO. Four more years later she struck a mine in 1918 and sank off Fire Island, NewYork.

December 4, 1916 Charles Nungesser shot down his 19th victory, a Halberstadt.

December 4-22, 1918 First Army transcontinental flight by four Curtiss JN-4s under Maj. A.D. Smith from San Diego to Jacksonville, Florida.

December 4, 1923 Ensign Barrett Studley made a parachute test in a DH-4B of VO-2 from NAS San Diego with CPO Munkittrick. Studley was buried at Fort Rosecrans National Cemetery on March 18, 1941.

December 4, 1965 Frank Borman and James Lovell in Gemini 7 began a three orbit rendezvous with Gemini 6A.

PLEASE LEAVE THIS ON THE DESK